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ABSTRACT

A sourcebook for 13 licensed health professions in Missouri is presented for 1980 and 1981. A brief overview of each profession is provided, along with statistical data concerning activity status, personal characteristics, practice characteristics, and place of professional education. The following professions are covered: chiropractors, dental hygienists, dentists, doctors of medicine and osteopathy, registered nurses, licensed practical nurses, optometrists, pharmacists, physical therapists, podiatrists, veterinarians, and psychologists. Information is provided for each profession on the following: activity status (full-time, part-time), arranged by region, county and health service area; age; race; sex; specialty; primary setting of employment; primary form of employment; and place of professional education. (SW)

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HEALTH MANPOWER

1981

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Appreciation is extended to the thousands of health professionals who have cooperated with the Missouri Center for Health Statistics by supplying information about their practices. It is this information from individuals which makes it possible to provide aggregate data for use by health planners, educators, professional associations, and other interested individuals and organizations.

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CAUTIONARY NOTE

Please note that providers with unknown activity status were not counted as active providers, nor were they included in the computation of full-time equivalent providers.

ABBREVIATIONS

NCHS	National Center for Health Statistics
MCHS	Missouri Center for Health Statistics
RPC	Regional Planning Commission Area
HSA	Health Service Area
FTE	Full-time Equivalent
MD	Doctor of Medicine
DO	Doctor of Osteopathy
RN	Registered Nurse
LPN	Licensed Practical Nurse
PPT	Professional Physical Therapist

INTRODUCTION

This report is intended to serve as a general data source book for 13 licensed health professions in Missouri: chiropractors, dental hygienists, dentists, doctors of medicine and osteopathy, registered nurses, licensed practical nurses, optometrists, pharmacists, physical therapists, podiatrists, veterinarians and psychologists.

Produced by the Missouri Center for Health Statistics, this is a summary document providing a brief overview of each profession, along with statistical data concerning activity status, age, practice characteristics, and place of professional education. It is not, nor is it intended to be, an exhaustive set of health manpower data or a complete analysis of those data. Those in need of more detailed information are invited to contact the Missouri Center for Health Statistics.

The authors welcome comments and suggestions from recipients and users of this report as to how it might be improved.

CHIROPRACTORS

In 1980, 1,073 chiropractors actively practiced in Missouri (Table 1). This total represents a net increase of 136 professionals over the 1976 total--a 14.6 percent expansion.

Currently, the state has 2.2 active chiropractors for each 10,000 residents. This rate is nearly three times the available national rate (0.8/10,000). Though the rates for Regional Planning Commission areas (RPCs) within Missouri range from 3.2 in the Mid-America and Missouri Valley regions to 1.1 in the Bootheel region, they are all well above the national average. Since 1976, the regions exhibiting the fastest growth are Missouri Valley (50 percent) and South Central Ozark (41.2 percent).

The geographic distribution of chiropractors is identical to that of Missouri residents; the rates for metropolitan and non-metropolitan regions are equal to the statewide rate (2.2/10,000).

The age distribution for chiropractors suggests that future replacment needs are being adequately met (Table 2). Since 1976, the number of chiropractors under age 35 has increased 67 percent. Overall, nearly half of all Missouri chiropractors are under age 45.

Chiropractors are predominantly male (91 percent) and white (98 percent) (Tables 3, 4). Ninety-three percent indicate that they are general practitioners (Table 5); orthopedics is the only practice specialty to comprise over 1 percent of the profession. The overwhelming majority work in a private office (92 percent) and are self-employed (93 percent) (Tables 6, 7).

Missouri's ample supply of young chiropractors is attributable to the two chiropractic colleges presently located in the state: Cleveland College in Kansas City and Logan College in St. Louis. Together, in-state schools have educated eight out of every ten Missouri professionals (Table 8). Among other states with chiropractic colleges, only Iowa has contributed a significant proportion of the Missouri supply (12 percent).

TABLE 01 LICENSED CHIROPRACTORS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	14	2	16	3	1	20	2.2
JEFFERSON	19	2	21	2	0	23	1.4
ST CHARLES	30	4	34	3	1	38	2.4
ST LOUIS CNTY	156	36	192	44	3	239	2.0
ST LOUIS CITY	66	12	78	9	2	89	1.7
REGION TOTAL	285	56	341	61	7	409	1.9
MID-AMERICA							
CASS	10	2	12	1	1	14	2.4
CLAY	32	6	38	3	0	41	2.8
JACKSON	168	54	222	33	7	262	3.5
PLATTE	6	2	8	1	1	10	1.7
RAY	2	0	2	3	0	5	0.9
REGION TOTAL	218	64	282	41	9	332	3.2
SOUTHWEST MISSOURI							
BARRY	7	0	7	1	0	8	2.9
CHRISTIAN	2	0	2	0	0	2	0.9
DADE	1	0	1	0	0	1	1.4
DALLAS	1	1	2	0	0	2	1.7
GREENE	34	5	39	2	1	42	2.1
LAWRENCE	4	0	4	0	0	4	1.4
POLK	2	0	2	0	0	2	1.1
STONE	5	1	6	1	0	7	3.8
TANEY	3	0	3	0	0	3	1.5
WEBSTER	3	1	4	1	0	5	2.0
REGION TOTAL	62	8	70	5	1	76	2.0
MID-MISSOURI							
AUDRAIN	5	0	5	0	0	5	1.9
BOONE	14	0	14	3	0	17	1.4
CALLAWAY	5	1	6	0	0	6	1.9
COLE	4	1	5	1	0	6	0.9
COOPER	2	0	2	0	0	2	1.4
HOWARD	2	0	2	0	0	2	2.0
MONITEAU	2	0	2	0	0	2	1.7
OSAGE	1	0	1	0	0	1	0.8
REGION TOTAL	35	2	37	4	0	41	1.4
MO-KAN							
ANDREW	2	0	2	0	0	2	1.4
BUCHANAN	16	2	18	1	0	19	2.0
CLINTON	6	1	7	0	0	7	4.4
DEKALB	2	0	2	0	0	2	2.4
REGION TOTAL	26	3	29	1	0	30	2.3

TABLE 01. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	2	0	2	0	0	2	2.3
GENTRY	3	0	3	0	0	3	3.8
HOLT	1	0	1	0	0	1	1.5
NODAWAY	5	0	5	1	0	6	2.3
WORTH	0	0	0	0	0	0	0.0
REGION TOTAL	11	0	11	1	0	12	2.3
GREEN HILLS							
CALDWELL	1	0	1	0	0	1	1.2
DAVIESS	2	0	2	0	0	2	2.2
GRUNDY	5	1	6	1	0	7	5.0
HARRISON	2	0	2	1	0	3	2.0
LINN	4	0	4	1	0	5	2.6
LIVINGSTON	5	1	6	1	0	7	3.8
MERCER	1	0	1	0	0	1	2.1
PUTNAM	0	0	0	1	0	1	0.0
SULLIVAN	1	0	1	0	0	1	1.3
REGION TOTAL	21	2	23	5	0	28	2.6
MISSOURI VALLEY							
CARROLL	5	0	5	0	0	5	4.1
CHARITON	3	0	3	0	0	3	2.9
SALINE	7	0	7	1	0	8	2.8
REGION TOTAL	15	0	15	1	0	16	3.2
NORTHEAST MISSOURI							
ADAIR	3	2	5	1	0	6	2.0
CLARK	2	0	2	0	0	2	2.4
KNOX	0	0	0	0	0	0	0.0
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	2	0	2	0	0	2	3.7
REGION TOTAL	7	2	9	1	0	10	1.8
MARK TWAIN							
LEWIS	2	0	2	0	0	2	1.8
MACON	4	0	4	0	0	4	2.5
MARION	8	2	10	1	0	11	3.5
MONROE	2	0	2	0	0	2	2.1
PIKE	6	1	7	0	0	7	4.0
RALLS	1	0	1	0	0	1	1.1
RANDOLPH	5	1	6	0	0	6	2.4
SHELBY	0	0	0	0	0	0	0.0
REGION TOTAL	28	4	32	1	0	33	2.6

TABLE 01. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	2	0	2	0	0	2	0.9
MONTGOMERY	1	1	2	0	0	2	1.7
WARREN	5	0	5	0	1	6	3.4
REGION TOTAL	8	1	9	0	1	10	1.9
OZARK GATEWAY							
BARTON	3	1	4	1	0	5	3.5
JASPER	23	3	26	0	0	26	3.0
MCDONALD	3	0	3	0	0	3	2.0
NEWTON	7	0	7	1	0	8	1.7
REGION TOTAL	36	4	40	2	0	42	2.6
KAYSINGER BASIN							
BATES	4	1	5	0	0	5	3.2
BENTON	3	1	4	2	0	6	3.3
CEDAR	5	0	5	0	0	5	4.2
HENRY	3	0	3	1	0	4	1.5
HICKORY	1	0	1	1	0	2	1.6
ST CLAIR	2	0	2	0	0	2	2.3
VERNON	4	1	5	0	0	5	2.5
REGION TOTAL	22	3	25	4	0	29	2.6
SHOW-ME							
JOHNSON	8	0	8	1	0	9	2.0
LAFAYETTE	10	0	10	1	0	11	3.3
PETTIS	6	2	8	0	0	8	2.2
REGION TOTAL	24	2	26	2	0	28	2.5
SOUTH CENTRAL OZARK							
DOUGLAS	3	0	3	0	0	3	2.6
HOWELL	6	0	6	0	0	6	2.1
OREGON	3	0	3	0	0	3	2.9
OZARK	2	0	2	0	0	2	2.5
SHANNON	0	0	0	0	0	0	0.0
TEXAS	5	1	6	1	0	7	2.8
WRIGHT	4	0	4	0	0	4	2.5
REGION TOTAL	23	1	24	1	0	25	2.3
MERAMEC							
CRAWFORD	2	3	5	0	0	5	2.7
DENT	3	0	3	0	1	4	2.1
GASCONADE	4	0	4	0	0	4	3.0
MARIES	1	0	1	0	0	1	1.3
PHELPS	5	0	5	0	0	5	1.5
WASHINGTON	1	1	2	0	0	2	1.1
REGION TOTAL	16	4	20	0	1	21	1.9

TABLE 01. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	5	2	7	1	0	8	3.5
LACLEDE	6	0	6	0	0	6	2.5
MILLER	4	1	5	0	0	5	2.7
MORGAN	1	0	1	0	0	1	0.7
PULASKI	2	1	3	0	0	3	0.7
REGION TOTAL	18	4	22	1	0	23	1.9
SOUTHEAST MISSOURI							
BOLLINGER	1	0	1	0	0	1	1.0
CAPE GIRARDEAU	12	0	12	0	0	12	2.0
IRON	2	1	3	0	0	3	2.7
MADISON	2	0	2	1	0	3	1.9
PERRY	2	1	3	0	0	3	1.8
ST FRANCOIS	6	1	7	0	0	7	1.6
STE GENEVIEVE	2	0	2	0	0	2	1.3
REGION TOTAL	27	3	30	1	0	31	1.8
BOOTHEEL							
DUNKLIN	3	2	5	0	0	5	1.4
MISSISSIPPI	2	0	2	0	0	2	1.3
NEW MADRID	1	0	1	0	0	1	0.4
PEMISCOT	2	0	2	0	0	2	0.8
SCOTT	3	0	3	0	0	3	0.8
STODDARD	4	1	5	1	0	6	1.7
REGION TOTAL	15	3	18	1	0	19	1.1
OZARK FOOTHILLS							
BUTLER	5	0	5	0	0	5	1.3
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	1	0	1	0	0	1	1.4
RIPLEY	3	0	3	0	0	3	2.4
WAYNE	1	0	1	0	0	1	0.9
REGION TOTAL	10	0	10	0	0	10	1.3
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	218	64	282	41	9	332	3.2
HSA 2 CENTRAL MISSOURI	215	23	238	21	1	260	2.1
HSA 3 EAST-WEST GATEWAY	285	56	341	61	7	409	1.9
HSA 4 SOUTHWEST MISSOURI	121	13	134	8	1	143	2.2
HSA 5 SOUTHEAST MISSOURI	68	10	78	2	1	81	1.5
METROPOLITAN TOTAL	626	133	759	112	17	888	2.2
NONMETROPOLITAN TOTAL	281	33	314	21	2	337	2.1
STATE TOTAL	907	166	1,073	133	19	1,225	2.2
PERCENT OF STATE TOTAL	74.0	13.6	87.6	10.9	1.6	100.0	

TABLE 62. ACTIVE CHIROPRACTORS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	102	55	65	76	43	341
MID-AMERICA	75	62	56	58	31	282
SOUTHWEST MISSOURI	17	23	17	10	3	70
MID-MISSOURI	11	6	11	8	1	37
MO-KAN	4	11	5	6	3	29
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	1	2	2	4	2	11
GREEN HILLS	7	5	7	1	3	23
MISSOURI VALLEY	5	4	2	2	2	15
NORTHEAST MISSOURI	2	3	2	2	0	9
MARK TWAIN	12	5	5	10	0	32
BOONSLICK	3	0	4	2	0	9
OZARK GATEWAY	9	13	9	8	1	40
KAYSINGER BASIN	4	3	7	8	3	25
SHOW-ME	7	5	6	7	1	26
SOUTH CENTRAL OZARK	6	9	6	2	1	24
MERAMEC	3	6	6	1	4	20
LAKE OF THE OZARKS	6	2	3	9	2	22
SOUTHEAST MISSOURI	7	9	6	6	2	30
BOOTHEEL	5	2	5	6	0	18
OZARK FOOTHILLS	3	2	0	5	0	10
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	75	62	56	58	31	282
HSA 2 CENTRAL MISSOURI	62	46	54	59	17	238
HSA 3 EAST-WEST GATEWAY	102	55	65	76	43	341
HSA 4 SOUTHWEST MISSOURI	32	45	32	20	5	134
HSA 5 SOUTHEAST MISSOURI	18	19	17	18	6	78
METROPOLITAN TOTAL	209	157	154	158	81	759
NONMETROPOLITAN TOTAL	80	70	70	73	21	314
STATE TOTAL	289	227	224	231	102	1,073
PERCENT OF STATE TOTAL	26.9	21.2	20.9	21.5	9.5	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 03. ACTIVE CHIROPRACTORS
BY RACE:
MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	1,049	97.8
BLACK	13	1.2
AMERICAN INDIAN	2	0.2
ORIENTAL/ASIAN	1	0.1
OTHER	0	0.0
NOT STATED	8	0.7
TOTAL	1,073	100.0

TABLE 04. ACTIVE CHIROPRACTORS
BY SEX:
MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	971	90.5
FEMALE	92	8.6
NOT STATED	10	0.9
TOTAL	1,073	100.0

TABLE 05. ACTIVE CHIROPRACTORS BY PRIMARY SPECIALTY: MISSOURI 1980

SPECIALTY	NUMBER	PERCENT
GENERAL PRACTICE	997	92.9
ORTHOPEDICS	29	2.7
ROENTGENOLOGY	4	0.4
OTHER	37	3.4
NOT STATED	6	0.6
TOTAL	1,073	100.0

TABLE 06. ACTIVE CHIROPRACTORS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
PRACTITIONER'S OFFICE	983	91.6
FREESTANDING CLINIC	17	1.6
SCHOOL OF CHIROPRACTIC	20	1.9
OTHER	38	3.5
NOT STATED	15	1.4
TOTAL	1,073	100.0

TABLE 07. ACTIVE CHIROPRACTORS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1980

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	843	78.6
PARTNERSHIP OR GROUP PRACTICE	149	13.9
NONGOVERNMENTAL EMPLOYER		
HOSPITAL, SCHOOL, ETC.	22	2.1
INDIVIDUAL PRACTITIONER	30	2.8
OTHER	12	1.1
NOT STATED	17	1.6
TOTAL	1,073	100.0

TABLE 08. ACTIVE CHIROPRACTORS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
CLEVELAND COLLEGE OF CHIROPRACTIC	361	33.6
LOGAN COLLEGE OF CHIROPRACTIC	352	32.8
MISSOURI CHIROPRACTIC COLLEGE	110	10.3
OTHER MISSOURI SCHOOLS	29	2.7
STATES ADJACENT TO MISSOURI		
IOWA	127	11.8
ILLINOIS	13	1.2
OTHER STATES AND CANADA	81	7.5
FOREIGN	0	0.0
NOT STATED	0	0.0
TOTAL	1,073	100.0

DENTAL HYGIENISTS

There are 655 dental hygienists actively practicing in Missouri (Table 9). However, nearly 29 percent of these people work only part-time.

The profession of dental hygiene is one of the most rapidly expanding health professions in Missouri. The number of active hygienists has increased by 68 percent since 1976. Further evidence of growth is shown by the steady increase in the number of active hygienists per 100 dentists. In 1976 the rate was 18 hygienists per 100 dentists which has increased to 27/100 in 1980. This rate is well above the national average of 26/100.

Dental hygiene is a predominantly urban occupation. Dentists with large or group practices are typically located in urban areas, and these dentists are much more likely to support the services of a trained hygienist. In all, 9 of every 10 Missouri hygienists practice in the metropolitan regions of the state.

The field of dental hygiene is one of the youngest professions in Missouri; 80 percent of those currently active have graduated since 1970. Less than 5 percent of the total are over the age of 44 (Table 10).

Most dental hygienists are female (99 percent) and white (96 percent) (Tables 11, 12). Hygienists in other racial categories have decreased slightly since 1976 and now comprise less than 3 percent of the Missouri total.

Ninety-one percent of Missouri's dental hygienists work in private dental offices (Table 13). Other work settings reported include dental hygiene schools, hospitals, and freestanding clinics.

Missouri's three schools of dental hygiene--in St. Louis, Kansas City and Joplin--educate most of the state supply (73 percent) (Table 14). No other state has educated more than 6 percent of the Missouri supply.

TABLE 09. LICENSED DENTAL HYGIENISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	LICENSED NOT STATED	TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	1	4	5	1	0	6	0.7
JEFFERSON	10	4	14	2	0	16	1.0
ST CHARLES	9	8	17	4	0	21	1.2
ST LOUIS CNTY	151	87	238	63	20	321	2.4
ST LOUIS CITY	39	18	57	6	2	65	1.3
REGION TOTAL	210	121	331	76	22	429	1.8
MID-AMERICA							
CASS	4	3	7	2	0	9	1.4
CLAY	21	13	34	3	1	38	2.5
JACKSON	95	59	154	28	6	188	2.4
PLATTE	1	0	1	3	0	4	0.2
RAY	0	1	1	0	0	1	0.5
REGION TOTAL	121	76	197	36	7	240	2.2
SOUTHWEST MISSOURI							
BARRY	0	0	0	0	0	0	0.0
CHRISTIAN	0	0	0	0	0	0	0.0
DADE	0	0	0	0	0	0	0.0
DALLAS	0	0	0	0	0	0	0.0
GREENE	16	5	21	3	1	25	1.1
LAWRENCE	0	0	0	0	0	0	0.0
POLK	0	1	1	1	0	2	0.5
STONE	0	0	0	0	0	0	0.0
TANEY	2	0	2	1	0	3	1.0
WEBSTER	0	0	0	1	0	1	0.0
REGION TOTAL	18	6	24	6	1	31	0.7
MID-MISSOURI							
AUDRAIN	1	0	1	0	0	1	0.4
BOONE	7	7	14	4	1	19	1.4
CALLAWAY	1	0	1	0	0	1	0.3
COLE	3	3	6	2	0	8	1.1
COOPER	0	0	0	0	0	0	0.0
HOWARD	0	0	0	0	0	0	0.0
MONITEAU	0	0	0	0	0	0	0.0
OSAGE	0	0	0	0	0	0	0.0
REGION TOTAL	12	10	22	6	1	29	0.8
MO-KAN							
ANDREW	1	0	1	0	0	1	0.7
BUCHANAN	6	2	8	1	0	9	0.9
CLINTON	0	0	0	0	0	0	0.0
DEKALB	1	0	1	0	0	1	1.2
REGION TOTAL	8	2	10	1	0	11	0.8

TABLE 09. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	0	0	0	0	0	0	0.0
GENTRY	0	0	0	1	0	1	0.0
HOLT	0	0	0	0	0	0	0.0
NODAWAY	0	0	0	0	0	0	0.0
WORTH	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	1	0	1	0.0
GREEN HILLS							
CALDWELL	0	0	0	1	0	1	0.0
DAVIESS	0	0	0	0	0	0	0.0
GRUNDY	0	0	0	0	0	0	0.0
HARRISON	0	0	0	0	0	0	0.0
LINN	0	1	1	0	0	1	0.6
LIVINGSTON	0	1	1	1	0	2	0.6
MERCER	0	0	0	0	0	0	0.0
PUTNAM	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0.0
REGION TOTAL	0	2	2	2	0	4	0.2
MISSOURI VALLEY							
CARROLL	0	0	0	0	0	0	0.0
CHARITON	0	0	0	0	0	0	0.0
SALINE	1	0	1	0	0	1	0.4
REGION TOTAL	1	0	1	0	0	1	0.2
NORTHEAST MISSOURI							
ADAIR	1	0	1	0	0	1	0.4
CLARK	0	0	0	0	0	0	0.0
KNOX	0	0	0	0	0	0	0.0
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	0	0	0	1	0	1	0.0
REGION TOTAL	1	0	1	1	0	2	0.2
MARK TWAIN							
LEWIS	0	0	0	0	0	0	0.0
MACON	0	0	0	0	0	0	0.0
MARION	3	0	3	0	0	3	1.0
MONROE	0	0	0	0	0	0	0.0
PIKE	0	1	1	0	0	1	0.6
RALLS	0	0	0	0	0	0	0.0
RANDOLPH	0	0	0	1	0	1	0.0
SHELBY	0	0	0	0	0	0	0.0
REGION TOTAL	3	1	4	1	0	5	0.3

TABLE 09. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	0	0	0	0	0	0	0.0
MONTGOMERY	0	0	0	0	0	0	0.0
WARREN	0	1	1	0	0	1	0.7
REGION TOTAL	0	1	1	0	0	1	0.2
OZARK GATEWAY							
BARTON	1	0	1	0	0	1	0.9
JASPER	14	6	20	5	0	25	2.3
MCDONALD	0	0	0	1	0	1	0.0
NEWTON	2	0	2	0	0	2	0.5
REGION TOTAL	17	6	23	6	0	29	1.5
KAYSINGER BASIN							
BATES	0	0	0	0	0	0	0.0
BENTON	0	0	0	1	0	1	0.0
CEDAR	0	1	1	0	0	1	0.8
HENRY	1	0	1	0	0	1	0.5
HICKORY	0	0	0	0	0	0	0.0
ST CLAIR	0	0	0	0	0	0	0.0
VERNON	2	0	2	1	0	3	1.0
REGION TOTAL	3	1	4	2	0	6	0.4
SHOW-ME							
JOHNSON	1	1	2	1	0	3	0.5
LAFAYETTE	1	0	1	0	0	1	0.3
PETTIS	1	0	1	0	0	1	0.3
REGION TOTAL	3	1	4	1	0	5	0.4
SOUTH CENTRAL OZARK							
DOUGLAS	0	0	0	0	0	0	0.0
HOWELL	0	0	0	0	0	0	0.0
OREGON	0	0	0	0	0	0	0.0
OZARK	0	0	0	0	0	0	0.0
SHANNON	0	0	0	0	0	0	0.0
TEXAS	1	1	2	0	0	2	0.9
WRIGHT	0	0	0	0	0	0	0.0
REGION TOTAL	1	1	2	0	0	2	0.2
MERAMEC							
CRAWFORD	0	0	0	0	0	0	0.0
DENT	0	0	0	0	0	0	0.0
GASCONADE	0	1	1	0	0	1	0.8
MARIES	0	0	0	0	0	0	0.0
PHELPS	3	1	4	0	0	4	1.2
WASHINGTON	0	0	0	0	0	0	0.0
REGION TOTAL	3	2	5	0	0	5	0.5

TABLE 09. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	LICENSED NOT STATED	TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	0	1	1	0	0	1	0.5
LACLEDE	1	0	1	0	0	1	0.4
MILLER	0	0	0	1	0	1	0.0
MORGAN	0	0	0	0	0	0	0.0
PULASKI	1	0	1	0	0	1	0.2
REGION TOTAL	2	1	3	1	0	4	0.3
SOUTHEAST MISSOURI							
BOLLINGER	0	0	0	0	0	0	0.0
CAPE GIRARDEAU	3	2	5	2	0	7	0.8
IRON	0	0	0	0	0	0	0.0
MADISON	0	0	0	1	0	1	0.0
PERRY	2	3	5	0	1	6	3.0
ST FRANCOIS	2	1	3	0	0	3	0.7
STE GENEVIEVE	0	0	0	0	0	0	0.0
REGION TOTAL	7	6	13	3	1	17	0.8
BOOTHEEL							
DUNKLIN	1	0	1	0	0	1	0.3
MISSISSIPPI	0	0	0	0	0	0	0.0
NEW MADRID	0	0	0	0	0	0	0.0
PEMISCOT	0	2	2	0	0	2	0.8
SCOTT	0	0	0	0	0	0	0.0
STODDARD	3	0	3	1	0	4	1.0
REGION TOTAL	4	2	6	1	0	7	0.4
OZARK FOOTHILLS							
BUTLER	1	1	2	1	0	3	0.5
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	0	0	0	0	0	0	0.0
RIPLEY	0	0	0	1	0	1	0.0
WAYNE	0	0	0	0	0	0	0.0
REGION TOTAL	1	1	2	2	0	4	0.3
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	121	76	197	36	7	240	2.2
HSA 2 CENTRAL MISSOURI	33	19	52	16	1	69	0.5
HSA 3 EAST-WEST GATEWAY	210	121	331	76	22	429	1.8
HSA 4 SOUTHWEST MISSOURI	36	13	49	12	1	62	0.8
HSA 5 SOUTHEAST MISSOURI	15	11	26	6	1	33	0.5
METROPOLITAN TOTAL	369	215	584	125	31	740	1.7
NONMETROPOLITAN TOTAL	46	25	71	21	1	93	0.5
STATE TOTAL	415	240	655	146	32	833	1.3
PERCENT OF STATE TOTAL	49.8	28.8	78.6	17.5	3.8	100.0	

TABLE 10. ACTIVE DENTAL HYGIENISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 25	25-34	35-44	45-54	55-64	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	66	198	45	18	2	331
MID-AMERICA	55	109	23	6	3	197
SOUTHWEST MISSOURI	7	13	3	1	0	24
MID-MISSOURI	2	18	2	0	0	22
MO-KAN	3	5	2	0	0	10
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	0	0	0	0	0	0
GREEN HILLS	0	1	1	0	0	2
MISSOURI VALLEY	0	0	1	0	0	1
NORTHEAST MISSOURI	0	1	0	0	0	1
MARK TWAIN	2	1	0	1	0	4
BOONSLICK	0	0	1	0	0	1
OZARK GATEWAY	12	9	1	0	0	23
KAYSINGER BASIN	1	2	1	0	0	4
SHOW-ME	2	2	0	0	0	4
SOUTH CENTRAL OZARK	0	2	0	0	0	2
MERAMEC	2	3	0	0	0	5
LAKE OF THE OZARKS	1	1	1	0	0	3
SOUTHEAST MISSOURI	4	8	1	0	0	13
BOOTHEEL	2	2	1	1	0	6
OZARK FOOTHILLS	0	1	1	0	0	2
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	55	109	23	6	3	197
HSA 2 CENTRAL MISSOURI	11	31	9	1	0	52
HSA 3 EAST-WEST GATEWAY	66	198	45	18	2	331
HSA 4 SOUTHWEST MISSOURI	19	24	4	1	0	49
HSA 5 SOUTHEAST MISSOURI	8	14	3	1	0	26
METROPOLITAN TOTAL	133	343	75	25	5	584
NONMETROPOLITAN TOTAL	26	33	9	2	0	71
STATE TOTAL	159	376	84	27	5	655
PERCENT OF STATE TOTAL	24.3	57.4	12.8	4.1	0.8	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 11. ACTIVE DENTAL HYGIENISTS BY RACE: MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	631	96.3
BLACK	17	2.6
AMERICAN INDIAN	0	0.0
ORIENTAL/ASIAN	2	0.3
OTHER	0	0.0
NOT STATED	5	0.8
TOTAL	655	100.0

TABLE 12. ACTIVE DENTAL HYGIENISTS BY SEX: MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	6	0.9
FEMALE	647	98.8
NOT STATED	2	0.3
TOTAL	655	100.0

TABLE 13. ACTIVE DENTAL HYGIENISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
PRACTITIONER'S OFFICE	596	91.0
CLINIC	28	4.3
SCHOOL OF DENTAL HYGIENE	18	2.7
INSTITUTION	9	1.4
OTHER	4	0.6
NOT STATED	0	0.0
TOTAL	655	100.0

TABLE 14. ACTIVE DENTAL HYGIENISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
FOREST PARK COMMUNITY COLLEGE	241	36.8
UNIVERSITY OF MISSOURI-KANSAS CITY	207	31.6
MISSOURI SOUTHERN STATE COLLEGE	27	4.1
STATES ADJACENT TO MISSOURI		
ARKANSAS	2	0.3
ILLINOIS	30	4.6
IOWA	11	1.7
KANSAS	36	5.5
KENTUCKY	2	0.3
NEBRASKA	2	0.3
OKLAHOMA	2	0.3
TENNESSEE	17	2.6
OTHER STATES AND CANADA	75	11.5
NOT STATED	3	0.5
TOTAL	655	100.0

DENTISTS

From 1976 to 1980 Missouri has shown a steady growth in the supply of dental manpower. The number of active dentists has risen from 2,154 in 1976 to the present total of 2,415 (Table 15). This total is equivalent to 4.9 dentists for each 10,000 state residents and is slightly below the available national rate (5.2/10,000).

Dentists in Missouri are more concentrated in metropolitan regions of the state due, in part, to the location of dental schools and specialists in these areas. It is interesting to note, however, that dental manpower in nonmetropolitan areas has been growing at a rate almost equal to metropolitan areas. In illustration, the supply of dentists in nonmetropolitan regions has increased 11.9 percent since 1976, compared to 12.2 percent in metropolitan regions. On the negative side, four nonmetropolitan RPCs have shown a decrease in dentists per 10,000 population (Green Hills, Ozark Gateway, Southeast Missouri and Meramec).

The age distribution of Missouri's dentists has improved significantly in recent years. In 1965, only 30 percent of the state's dentists were under age 40 compared to 44 percent in 1980. Table 16 gives additional information on age groups of dentists practicing in Missouri.

Most dentists in Missouri are male (98 percent) and white (95 percent) (Tables 17, 18).

Nearly 83 percent of the state's active dentists maintain a general practice (Table 19). The most common specialty is orthodontics (5 percent). Missouri dentists are required to pass a national specialty board examination or be diplomates of a national board before they are allowed to be licensed as a specialist; this is not the case in many states.

Nine out of every ten Missouri dentists work in a private office; dental schools, clinics, and hospitals account for most of those reporting some other setting (Table 20). Self-employment--either solo, partnership, or group practice--is the most common form of employment (Table 21).

Nearly all of Missouri's dentists received their professional education in the state (Table 22). Missouri is fortunate in that it houses 2 of the 59 U.S. schools of dentistry. It should be noted that a sizeable number of the state's dentists graduated from the St. Louis University School of Dentistry which has now ceased operating.

Missouri's potential loss, as a result of this closing, has been offset by the expansion and increased recruitment of Missouri residents at the University of Missouri-Kansas City. This school now accounts for 48 percent of Missouri's practitioners.

TABLE 15. LICENSED DENTISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	22	3	25	1	0	26	3.5
JEFFERSON	33	1	34	3	0	37	2.3
ST CHARLES	59	4	63	5	0	68	4.4
ST LOUIS CNTY	601	67	668	44	5	717	6.9
ST LOUIS CITY	198	43	241	20	2	263	5.3
REGION TOTAL	913	118	1,031	73	7	1,111	5.8
MID-AMERICA							
CASS	12	2	14	1	0	15	2.7
CLAY	80	6	86	5	1	92	6.3
JACKSON	409	43	452	34	9	495	7.2
PLATTE	16	2	18	1	0	19	3.9
RAY	5	0	5	0	0	5	2.3
REGION TOTAL	522	53	575	41	10	626	6.5
SOUTHWEST MISSOURI							
BARRY	8	2	10	0	0	10	4.1
CHRISTIAN	5	0	5	0	0	5	2.2
DADE	2	1	3	1	0	4	4.1
DALLAS	2	0	2	1	0	3	1.7
GREENE	105	12	117	6	1	124	6.3
LAWRENCE	11	3	14	0	0	14	4.8
POLK	8	0	8	1	0	9	4.3
STONE	2	1	3	1	0	4	1.9
TANEY	8	1	9	2	0	11	4.4
WEBSTER	5	0	5	1	0	6	2.4
REGION TOTAL	156	20	176	13	1	190	4.9
MID-MISSOURI							
AUDRAIN	9	1	10	1	0	11	3.8
BOONE	41	7	48	2	1	51	4.8
CALLAWAY	8	0	8	3	0	11	2.5
COLE	25	4	29	5	0	34	5.1
COOPER	7	0	7	0	0	7	4.8
HOWARD	3	1	4	0	0	4	4.0
MONITEAU	4	0	4	0	0	4	3.3
OSAGE	2	0	2	0	0	2	1.7
REGION TOTAL	99	13	112	11	1	124	4.2
MO-KAN							
ANDREW	1	1	2	0	0	2	1.4
BUCHANAN	35	4	39	0	0	39	4.4
CLINTON	5	1	6	0	0	6	3.8
DEKALB	2	0	2	0	0	2	2.4
REGION TOTAL	43	6	49	0	0	49	3.9

TABLE 15. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	3	0	3	0	0	3	3.5
GENTRY	3	1	4	0	0	4	5.1
HOLT	0	0	0	0	0	0	0.0
NODAWAY	4	1	5	0	0	5	2.3
WORTH	1	1	2	0	0	2	6.6
REGION TOTAL	11	3	14	0	0	14	2.9
GREEN HILLS							
CALDWELL	2	0	2	0	0	2	2.3
DAVIESS	1	0	1	1	0	2	1.1
GRUNDY	4	1	5	0	0	5	4.2
HARRISON	4	0	4	0	0	4	4.0
LINN	4	1	5	3	0	8	3.2
LIVINGSTON	7	0	7	0	0	7	4.4
MERCER	0	0	0	0	0	0	0.0
PUTNAM	3	0	3	1	0	4	4.9
SULLIVAN	0	0	0	0	0	0	0.0
REGION TOTAL	25	2	27	5	0	32	3.0
MISSOURI VALLEY							
CARROLL	6	0	6	0	0	6	4.9
CHARITON	2	0	2	5	0	7	1.9
SALINE	9	2	11	1	0	12	4.4
REGION TOTAL	17	2	19	6	0	25	4.0
NORTHEAST MISSOURI							
ADAIR	7	1	8	0	0	8	3.2
CLARK	1	0	1	1	0	2	1.2
KNOX	1	0	1	0	0	1	1.8
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	2	0	2	0	0	2	3.7
REGION TOTAL	11	1	12	1	0	13	2.4
MARK TWAIN							
LEWIS	2	0	2	0	0	2	1.8
MACON	4	0	4	0	0	4	2.5
MARION	13	0	13	0	0	13	4.5
MONROE	2	0	2	1	0	3	2.1
PIKE	6	0	6	1	0	7	3.4
RALLS	0	0	0	0	0	0	0.0
RANDOLPH	7	1	8	1	0	9	3.1
SHELBY	4	0	4	0	0	4	5.1
REGION TOTAL	38	1	39	3	0	42	3.1

TABLE 15. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	3	2	5	0	0	5	2.3
MONTGOMERY	1	2	3	1	0	4	2.6
WARREN	2	0	2	0	1	3	1.3
REGION TOTAL	6	4	10	1	1	12	2.1
OZARK GATEWAY							
BARTON	3	1	4	0	0	4	3.5
JASPER	44	4	48	2	0	50	5.5
MCDONALD	2	0	2	1	0	3	1.3
NEWTON	7	1	8	3	0	11	2.0
REGION TOTAL	56	6	62	6	0	68	4.0
KAYSINGER BASIN							
BATES	3	1	4	1	0	5	2.5
BENTON	4	2	6	0	0	6	4.9
CEDAR	3	0	3	0	0	3	2.5
HENRY	5	3	8	0	0	8	4.1
HICKORY	1	0	1	0	0	1	1.6
ST CLAIR	1	1	2	0	0	2	2.3
VERNON	7	0	7	0	0	7	3.5
REGION TOTAL	24	7	31	1	0	32	3.3
SHOW-ME							
JOHNSON	15	0	15	0	0	15	3.8
LAFAYETTE	12	1	13	1	1	15	4.3
PETTIS	13	1	14	1	0	15	3.8
REGION TOTAL	40	2	42	2	1	45	4.0
SOUTH CENTRAL OZARK							
DOUGLAS	3	0	3	0	0	3	2.6
HOWELL	10	0	10	0	0	10	3.5
OREGON	1	0	1	1	0	2	1.0
OZARK	1	0	1	0	0	1	1.3
SHANNON	0	0	0	0	0	0	0.0
TEXAS	3	1	4	0	0	4	1.9
WRIGHT	5	0	5	0	0	5	3.1
REGION TOTAL	23	1	24	1	0	25	2.3
MERAMEC							
CRAWFORD	3	2	5	0	0	5	2.7
DENT	3	0	3	1	0	4	2.1
GASCONADE	5	1	6	0	0	6	4.6
MARIES	1	0	1	0	0	1	1.3
PHELPS	12	2	14	0	0	14	4.2
WASHINGTON	2	0	2	0	0	2	1.1
REGION TOTAL	26	5	31	1	0	32	2.9

TABLE 15. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	7	1	8	0	0	8	4.0
LACLEDE	9	1	10	3	0	13	4.1
MILLER	2	1	3	0	0	3	1.6
MORGAN	4	1	5	0	0	5	3.6
PULASKI	4	2	6	1	0	7	1.4
REGION TOTAL	26	6	32	4	0	36	2.7
SOUTHEAST MISSOURI							
BOLLINGER	2	0	2	0	0	2	1.9
CAPE GIRARDEAU	27	1	28	0	0	28	4.8
IRON	3	0	3	0	0	3	2.7
MADISON	2	0	2	0	0	2	1.9
PERRY	5	0	5	0	0	5	3.0
ST FRANCOIS	12	3	15	1	1	17	3.5
STE GENEVIEVE	4	1	5	2	0	7	3.3
REGION TOTAL	55	5	60	3	1	64	3.6
BOOTHEEL							
DUNKLIN	7	3	10	2	0	12	2.8
MISSISSIPPI	2	0	2	0	0	2	1.3
NEW MADRID	4	0	4	0	0	4	1.7
PEMISCOT	4	2	6	0	1	7	2.4
SCOTT	13	0	13	0	0	13	3.3
STODDARD	7	0	7	0	0	7	2.4
REGION TOTAL	37	5	42	2	1	45	2.5
OZARK FOOTHILLS							
BUTLER	16	3	19	1	0	20	5.0
CARTER	1	0	1	0	0	1	1.8
REYNOLDS	2	0	2	0	0	2	2.8
RIPLEY	3	0	3	0	0	3	2.4
WAYNE	2	0	2	0	0	2	1.8
REGION TOTAL	24	3	27	1	0	28	3.6
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	522	53	575	41	10	626	6.5
HSA 2 CENTRAL MISSOURI	340	47	387	34	3	424	3.5
HSA 3 EAST-WEST GATEWAY	913	118	1,031	73	7	1,111	5.8
HSA 4 SOUTHWEST MISSOURI	235	27	262	20	1	283	4.3
HSA 5 SOUTHEAST MISSOURI	142	18	160	7	2	169	3.1
METROPOLITAN TOTAL	1,733	210	1,943	138	19	2,100	5.7
NONMETROPOLITAN TOTAL	419	53	472	37	4	513	3.2
STATE TOTAL	2,152	263	2,415	175	23	2,613	4.9
PERCENT OF STATE TOTAL	82.4	10.1	92.4	6.7	0.9	100.0	

TABLE 16. ACTIVE DENTISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	345	213	181	176	114	1,031
MID-AMERICA	199	132	109	90	44	575
SOUTHWEST MISSOURI	62	45	32	25	12	176
MID-MISSOURI	41	30	17	19	5	112
MO-KAN	16	6	7	15	4	49
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	5	3	4	1	1	14
GREEN HILLS	11	4	4	3	5	27
MISSOURI VALLEY	7	4	0	7	1	19
NORTHEAST MISSOURI	5	1	4	2	0	12
MARK TWAIN	14	10	6	6	3	39
BOONSLICK	3	1	0	0	6	10
OZARK GATEWAY	18	20	10	10	4	62
KAYSINGER BASIN	12	3	5	8	3	31
SHOW-ME	14	9	8	8	3	42
SOUTH CENTRAL OZARK	7	7	3	5	2	24
MERAMEC	9	9	5	4	4	31
LAKE OF THE OZARKS	9	9	3	7	4	32
SOUTHEAST MISSOURI	19	18	7	12	4	60
BOOTHEEL	11	9	8	8	6	42
OZARK FOOTHILLS	5	8	6	4	4	27
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	199	132	109	90	44	575
HSA 2 CENTRAL MISSOURI	137	80	58	76	35	387
HSA 3 EAST-WEST GATEWAY	345	213	181	176	114	1,031
HSA 4 SOUTHWEST MISSOURI	87	72	45	40	18	262
HSA 5 SOUTHEAST MISSOURI	44	44	26	28	18	160
METROPOLITAN TOTAL	663	426	346	325	179	1,943
NONMETROPOLITAN TOTAL	149	115	73	85	50	472
STATE TOTAL	812	541	419	410	229	2,415
PERCENT OF STATE TOTAL	33.6	22.4	17.3	17.0	9.5	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 17. ACTIVE DENTISTS BY RACE: MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	2,297	95.1
BLACK	64	2.7
AMERICAN INDIAN	3	0.1
ORIENTAL/ASIAN	27	1.1
OTHER	1	0.0
NOT STATED	23	1.0
TOTAL	2,415	100.0

TABLE 18. ACTIVE DENTISTS BY SEX: MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	2,366	98.0
FEMALE	44	1.8
NOT STATED	5	0.2
TOTAL	2,415	100.0

TABLE 19. ACTIVE DENTISTS BY SPECIALTY: MISSOURI 1980

SPECIALTY	NUMBER	PERCENT
GENERAL PRACTICE	1,998	82.7
ORTHODONTICS	131	5.4
ORAL SURGERY	100	4.1
PEDODONTICS	50	2.1
PROSTHODONTICS	52	2.2
ENDODONTICS	29	1.2
PERIODONTICS	35	1.4
PUBLIC HEALTH	11	0.5
ORAL PATHOLOGY	7	0.3
NOT STATED	2	0.1
TOTAL	2,415	100.0

TABLE 20. ACTIVE DENTISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
PRIVATE OFFICE	2,168	89.8
SCHOOL OF DENTISTRY	98	4.1
CLINIC	68	2.8
HOSPITAL	61	2.5
OTHER FACILITY	10	0.4
OTHER	9	0.4
NOT STATED	1	0.0
TOTAL	2,415	100.0

TABLE 21. ACTIVE DENTISTS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1980

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	1,714	71.0
PARTNERSHIP OR GROUP PRACTICE	414	17.1
EMPLOYED BY		
STATE GOVERNMENT	86	3.6
OTHER DENTISTS	92	3.8
FEDERAL GOVERNMENT	36	1.5
OTHER	69	2.9
NOT STATED	4	0.2
TOTAL	2,415	100.0

TABLE 22. ACTIVE DENTISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
UNIVERSITY OF MISSOURI-KANSAS CITY	1,168	48.4
ST. LOUIS UNIVERSITY (NOW CLOSED)	460	19.0
WASHINGTON UNIVERSITY	439	18.2
OTHER MISSOURI SCHOOLS	4	0.2
STATES ADJACENT TO MISSOURI		
ARKANSAS	0	0.0
ILLINOIS	46	1.9
IOWA	15	0.6
KANSAS	1	0.0
KENTUCKY	9	0.4
NEBRASKA	32	1.3
OKLAHOMA	0	0.0
TENNESSEE	75	3.1
OTHER STATES AND CANADA	154	6.4
NOT STATED	12	0.5
TOTAL	2,415	100.0

PHYSICIANS

Physicians--medical and osteopathic--are regarded as the "gate keepers" for the medical care system. Most physicians are involved in patient care; they are the primary decision-makers in diagnosing illness and determining the course of treatment. Other physicians provide support through research, education, and administration.

There are 8,958 licensed physicians residing in Missouri (Tables 23-25). Of these 8,259 are in active practice. Missouri has been following the national trend of an increase in the supply of doctors. Since 1973, 2,259 active physicians have been added to the state total--a 38 percent increase. Translated into physicians per 10,000 population the rate has increased from 12.7 in 1973 to 16.3 in 1981 (Table 25). This is, however, well below the available U.S. rate (19.4/10,000).

The geographic distribution of physicians varies significantly within Missouri. Among Regional Planning Commission areas, the rate per 10,000 population ranges from 26.4 in Mid-Missouri to 3.5 in Boonslick (Table 25). Part of this wide range can be explained by the presence of medical or osteopathic schools in the regions with much higher rates. These regions contain many physicians not involved in direct patient care. For example, when considering only the primary care physicians, the Mid-Missouri region has 212.96 full-time equivalent physicians while Boonslick has 14.53 (Table 28). Using these totals, the standardized rates per 10,000 population become 8.1 in Mid-Missouri and 3.0 in Boonslick. The discrepancy is still significant, but not as dramatic as when non-primary care physicians are included. Overall, the standardized rate of full-time equivalent, primary care physicians is 6.9 in metropolitan areas and 4.9 in non-metropolitan areas.

Doctors of osteopathy are more widely dispersed throughout the state than are doctors of medicine. D.O.s are practicing in all but four counties of the state, while 12 counties do not have an M.D. (Tables 23, 24). Only Maries County does not have the services of at least one full-time physician. D.O.s are more likely to practice in nonmetropolitan areas. The rate of active D.O.s per 10,000 population (Table 24) is higher in nonmetropolitan regions (3.0) than in metropolitan regions (1.8). The opposite relationship exists for M.D.s; their rate is higher for the

metropoltian regions (Table 23). Note, however, that M.D.s still outnumber D.O.s in nonmetropolitan areas by almost 2:1.

Doctors of osteopathy, as a group, tend to be older than doctors of medicine; 35 percent of Missouri's active DOs are over age 55 compared to 24 percent of the MDs (Tables 29, 30). Nonmetropolitan regions have a higher percentage (32 percent) of physicians over the age of 55 than do metropolitan regions (24 percent). The relatively older age structure in nonmetroplitan regions indicates a greater proportion of physicians who will need to be replaced because of retirement.

Most physicians are male (92 percent) and white (88 percent) (Tables 31, 32). Observe, however, that the percentage of nonwhites is much higher for MDs (14 percent) than for DOs (1 percent). Among MDs, 11 percent are Oriental and another 2 percent are Black.*

Forty-four percent of all Missouri physicians practice in one of the primary care specialties (Table 33). The percentage of DOs in primary care (68 percent) is much higher than the percentage of MDs (41 percent). This difference is related to the dissimilar age distribution of the two professions (older physicians are more likely to be generalists) as well as the dissimilar geographic distribution of the two professions (urban physicians are more likely to be specialists). In addition, all DOs are trained to be general practitioners. They may choose to specailize after completing their internship, but a large percentage elect to remain in the general practice area. The largest single specialty reported by MDs is internal medicine (15 percent), while for DOs it is general practice (60 percent).

A majority of all physicians (53 percent) practice in private offices (Table 34). Proportionately more MDs (25 percent) practice in hospitals than do DOs (20 percent).

Self-employment is reported by a majority of Missouri physicians (56 percent) (Table 35). Observe, however, that MDs are more likely to maintain a partnership or group practice than DOs. All salaried forms of employment make up 45 percent of the MD total and just 32 percent of the DO total.

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*Unknowns were excluded when calculating the percentages for race and sex.

At present, Missouri has four medical schools and two osteopathic schools. These six schools have supplied 43 percent of all physicians currently active in the state (Table 36). Relatively equal proportions of active MDs have been trained in neighboring states (21 percent), other states (19 percent), and foreign schools (17 percent), while most (89 percent) of the DOs have been trained in Missouri. Though the majority (57 percent) of all physicians were trained outside Missouri, in-state schools continue to be an important component of the supply.

NOTE: The number of physicians "in training" should be used with caution, particularly when comparing to previous data. The question was changed on the 1980 survey and this change resulted in a significant drop in the number of physicians who reported being "in training."

TABLE 23. LICENSED DOCTORS OF MEDICINE BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
METROPOLITAN REGIONS								
EAST-WEST GATEWAY								
FRANKLIN	32	4	0	36	2	1	39	5.1
JEFFERSON	37	5	1	43	2	0	45	2.9
ST CHARLES	105	3	0	108	1	2	111	7.5
ST LOUIS CNTY	1,627	94	67	1,788	85	127	2,000	18.3
ST LOUIS CITY	1,336	64	359	1,759	43	47	1,849	38.8
REGION TOTAL	3,137	170	427	3,734	133	177	4,044	20.9
MID-AMERICA								
CASS	7	0	0	7	0	0	7	1.4
CLAY	128	5	0	133	2	1	136	9.7
JACKSON	1,195	44	79	1,318	40	19	1,377	20.9
PLATTE	8	2	0	10	0	0	10	2.2
RAY	6	0	0	6	1	0	7	2.8
REGION TOTAL	1,344	51	79	1,474	43	20	1,537	16.7
SOUTHWEST MISSOURI								
BARRY	10	2	0	12	2	0	14	4.9
CHRISTIAN	4	0	0	4	0	0	4	1.8
DADE	3	1	0	4	0	0	4	5.4
DALLAS	1	0	0	1	0	0	1	0.8
GREENE	318	12	0	330	19	7	356	17.8
LAWRENCE	21	3	0	24	2	0	26	8.3
POLK	6	1	0	7	0	0	7	3.7
STONE	1	3	0	4	5	0	9	2.6
TANEY	13	3	0	16	5	0	21	7.8
WEBSTER	3	0	0	3	0	0	3	1.5
REGION TOTAL	380	25	0	405	33	7	445	11.4
MID-MISSOURI								
AUDRAIN	26	0	0	26	4	0	30	9.8
BOONE	420	22	91	533	14	45	592	53.1
CALLAWAY	18	0	0	18	3	0	21	5.6
COLE	61	5	0	66	7	0	73	11.6
COOPER	5	0	0	5	2	0	7	3.4
HOWARD	6	0	0	6	1	0	7	6.0
MONITEAU	3	0	0	3	0	0	3	2.5
OSAGE	0	0	0	0	0	0	0	0.0
REGION TOTAL	539	27	91	657	31	45	733	24.8
MO-KAN								
ANDREW	2	0	0	2	1	0	3	1.4
BUCHANAN	105	9	0	114	10	0	124	13.0
CLINTON	4	0	0	4	1	0	5	2.5
DEKALB	1	0	0	1	0	0	1	1.2
REGION TOTAL	112	9	0	121	12	0	133	9.6

TABLE 23. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
NONMETROPOLITAN REGIONS								
NORTHWEST MISSOURI								
ATCHISON	5	0	0	5	0	0	5	5.8
GENTRY	4	1	0	5	0	0	5	6.3
HOLT	1	0	0	1	0	0	1	1.5
NODAWAY	9	0	0	9	2	0	11	4.1
WORTH	1	0	0	1	0	0	1	3.3
REGION TOTAL	20	1	0	21	2	0	23	4.3
GREEN HILLS								
CALDWELL	2	0	0	2	0	0	2	2.3
DAVIESS	2	0	0	2	0	0	2	2.2
GRUNDY	3	0	0	3	0	0	3	2.5
HARRISON	3	0	0	3	1	0	4	3.0
LINN	7	0	0	7	1	0	8	4.5
LIVINGSTON	10	1	0	11	0	0	11	7.0
MERCER	0	0	0	0	0	0	0	0.0
PUTNAM	0	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0	0.0
REGION TOTAL	27	1	0	28	2	0	30	3.2
MISSOURI VALLEY								
CARROLL	4	0	0	4	0	0	4	3.3
CHARITON	1	0	0	1	1	0	2	1.0
SALINE	13	0	0	13	0	0	13	5.2
REGION TOTAL	18	0	0	18	1	0	19	3.8
NORTHEAST MISSOURI								
ADAIR	2	0	0	2	0	0	2	0.8
CLARK	0	0	0	0	0	0	0	0.0
KNOX	1	0	0	1	0	0	1	1.8
SCHUYLER	0	0	0	0	0	0	0	0.0
SCOTLAND	1	1	0	2	0	0	2	3.7
REGION TOTAL	4	1	0	5	0	0	5	1.0
MARK TWAIN								
LEWIS	1	0	0	1	0	0	1	0.9
MACON	2	0	0	2	2	0	4	1.2
MARION	33	0	0	33	1	0	34	11.5
MONROE	1	0	0	1	0	0	1	1.0
PIKE	8	0	0	8	0	0	8	4.6
RALLS	0	0	0	0	0	0	0	0.0
RANDOLPH	13	3	0	16	3	0	19	6.3
SHELBY	1	0	0	1	0	0	1	1.3
REGION TOTAL	59	3	0	62	6	0	68	4.9

TABLE 23. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
BOONSLICK								
LINCOLN	4	0	1	5	1	0	6	2.3
MONTGOMERY	1	0	0	1	0	0	1	0.9
WARREN	1	1	0	2	1	0	3	1.3
REGION TOTAL	6	1	1	8	2	0	10	1.6
OZARK GATEWAY								
BARTON	4	0	0	4	1	0	5	3.5
JASPER	97	1	0	98	9	0	107	11.3
MCDONALD	0	0	0	0	0	0	0	0.0
NEWTON	14	3	0	17	3	0	20	4.2
REGION TOTAL	115	4	0	119	13	0	132	7.7
KAYSINGER BASIN								
BATES	7	0	0	7	1	0	8	4.4
BENTON	1	0	0	1	0	0	1	0.8
CEDAR	2	1	0	3	0	0	3	2.5
HENRY	7	2	0	9	2	0	11	4.6
HICKORY	0	0	0	0	0	0	0	0.0
ST CLAIR	4	0	0	4	1	0	5	4.6
VERNON	19	0	0	19	4	0	23	9.6
REGION TOTAL	40	3	0	43	8	0	51	4.6
SHOW-ME								
JOHNSON	20	3	0	23	2	0	25	5.9
LAFAYETTE	17	1	0	18	0	0	18	6.0
PETTIS	28	0	0	28	1	0	29	7.7
REGION TOTAL	65	4	0	69	3	0	72	6.5
SOUTH CENTRAL OZARK								
DOUGLAS	4	0	0	4	1	0	5	3.5
HOWELL	13	1	0	14	1	0	15	4.9
OREGON	1	1	0	2	0	0	2	2.0
OZARK	0	0	0	0	1	0	1	0.0
SHANNON	1	0	0	1	0	0	1	1.3
TEXAS	10	0	0	10	0	0	10	4.7
WRIGHT	4	0	0	4	0	0	4	2.5
REGION TOTAL	33	2	0	35	3	0	38	3.4
MERAMEC								
CRAWFORD	5	0	0	5	0	0	5	2.7
DENT	5	0	0	5	1	0	6	3.4
GASCONADE	3	1	0	4	0	0	4	3.0
MARIES	0	0	0	0	0	0	0	0.0
PHELPS	21	2	0	23	0	0	23	6.8
WASHINGTON	3	0	0	3	0	0	3	1.7
REGION TOTAL	37	3	0	40	1	0	41	3.8

TABLE 23. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE				ACTIVITY		LICENSED	ACTIVE
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL	NOT ACTIVE	NOT STATED	TOTAL	PER 10,000 POPULATION
LAKE OF THE OZARKS								
CAMDEN	12	2	0	14	4	1	19	7.0
LACLEDE	7	0	0	7	4	0	11	2.9
MILLER	2	0	0	2	0	0	2	1.1
MORGAN	4	1	0	5	1	0	6	3.6
PULASKI	19	0	0	19	1	2	22	4.5
REGION TOTAL	44	3	0	47	10	3	60	4.0
SOUTHEAST MISSOURI								
BOLLINGER	1	0	0	1	0	0	1	1.0
CAPE GIRARDEAU	91	0	0	91	3	1	95	15.5
IRON	5	0	0	5	1	0	6	4.5
MADISON	6	0	0	6	0	0	6	5.6
PERRY	11	0	0	11	1	0	12	6.6
ST FRANCOIS	30	3	0	33	3	0	36	7.7
STE GENEVIEVE	8	0	0	8	0	1	9	5.3
REGION TOTAL	152	3	0	155	8	2	165	9.4
BOOTHEEL								
DUNKLIN	20	2	0	22	2	1	25	6.1
MISSISSIPPI	3	0	0	3	0	0	3	1.9
NEW MADRID	5	0	0	5	0	0	5	2.2
PEMISCOT	14	0	0	14	1	0	15	5.6
SCOTT	27	2	0	29	1	0	30	7.3
STODDARD	10	3	0	13	0	0	13	4.5
REGION TOTAL	79	7	0	86	4	1	91	5.1
OZARK FOOTHILLS								
BUTLER	60	0	1	61	3	1	65	16.2
CARTER	1	0	0	1	0	0	1	1.8
REYNOLDS	1	0	0	1	0	0	1	1.4
RIPLEY	3	1	0	4	1	0	5	3.2
WAYNE	0	0	0	0	0	0	0	0.0
REGION TOTAL	65	1	1	67	4	1	72	9.0
HEALTH SERVICE AREAS								
HSA 1 MID-AMERICA	1,344	51	79	1,474	43	20	1,537	16.7
HSA 2 CENTRAL MISSOURI	934	53	92	1,079	77	48	1,204	9.7
HSA 3 EAST-WEST GATEWAY	3,137	170	427	3,734	133	177	4,044	20.9
HSA 4 SOUTHWEST MISSOURI	528	31	0	559	49	7	615	9.1
HSA 5 SOUTHEAST MISSOURI	333	14	1	348	17	4	369	6.8
METROPOLITAN TOTAL	5,512	282	597	6,391	252	249	6,892	18.7
NONMETROPOLITAN TOTAL	764	37	2	803	67	7	877	5.4
STATE TOTAL	6,276	319	599	7,194	319	256	7,769	14.6
PERCENT OF STATE TOTAL	80.8	4.1	7.7	92.6	4.1	3.3	100.0	

TABLE 24. LICENSED DOCTORS OF OSTEOPATHY BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
METROPOLITAN REGIONS								
EAST-WEST GATEWAY								
FRANKLIN	9	1	0	10	0	0	10	1.4
JEFFERSON	6	0	1	7	0	0	7	0.5
ST CHARLES	13	0	0	13	0	0	13	0.9
ST LOUIS CNTY	146	9	13	168	12	4	184	1.7
ST LOUIS CITY	14	1	5	20	1	2	23	0.4
REGION TOTAL	188	11	19	218	13	6	237	1.2
MID-AMERICA								
CASS	7	0	0	7	0	0	7	1.4
CLAY	39	1	2	42	6	2	50	3.1
JACKSON	163	18	16	197	15	4	216	3.1
PLATTE	4	0	1	5	2	0	7	1.1
RAY	4	0	0	4	0	0	4	1.9
REGION TOTAL	217	19	19	255	23	6	284	2.9
SOUTHWEST MISSOURI								
BARRY	4	0	0	4	1	0	5	1.6
CHRISTIAN	2	2	0	4	0	0	4	1.8
DADE	2	0	0	2	0	0	2	2.7
DALLAS	1	1	0	2	0	0	2	1.7
GREENE	21	3	0	24	6	0	30	1.3
LAWRENCE	6	0	0	6	0	0	6	2.1
POLK	1	1	0	2	0	1	3	1.1
STONE	1	0	0	1	1	0	2	0.6
TANEY	8	1	0	9	3	0	12	4.4
WEBSTER	2	0	0	2	1	0	3	1.0
REGION TOTAL	48	8	0	56	12	1	69	1.6
MID-MISSOURI								
AUDRAIN	6	1	0	7	0	0	7	2.6
BOONE	10	1	0	11	0	0	11	1.1
CALLAWAY	8	0	0	8	4	0	12	2.5
COLE	31	2	2	35	2	0	37	6.2
COOPER	3	0	0	3	1	0	4	2.0
HOWARD	1	0	0	1	0	0	1	1.0
MONITEAU	5	0	0	5	0	0	5	4.1
OSAGE	2	1	0	3	0	0	3	2.5
REGION TOTAL	66	5	2	73	7	0	80	2.8
MO-KAN								
ANDREW	1	0	0	1	0	0	1	0.7
BUCHANAN	4	2	0	6	3	0	9	0.7
CLINTON	12	1	0	13	0	0	13	8.2
DEKALB	1	0	0	1	0	0	1	1.2
REGION TOTAL	18	3	0	21	3	0	24	1.7

TABLE 24. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
NONMETROPOLITAN REGIONS								
NORTHWEST MISSOURI								
ATCHISON	0	0	0	0	1	0	1	0.0
GENTRY	1	0	0	1	0	0	1	1.3
HOLT	3	0	0	3	0	0	3	4.4
NODAWAY	1	0	0	1	1	0	2	0.5
WORTH	1	0	0	1	0	0	1	3.3
REGION TOTAL	6	0	0	6	2	0	8	1.2
GREEN HILLS								
CALDWELL	2	0	0	2	1	0	3	2.3
DAVIESS	3	1	0	4	0	0	4	4.5
GRUNDY	5	0	0	5	0	0	5	4.2
HARRISON	2	0	0	2	1	0	3	2.0
LINN	5	1	0	6	1	0	7	3.9
LIVINGSTON	4	0	0	4	1	0	5	2.5
MERCER	3	0	0	3	2	0	5	6.4
PUTNAM	3	0	0	3	1	0	4	4.9
SULLIVAN	4	0	0	4	1	0	5	5.4
REGION TOTAL	31	2	0	33	8	0	41	3.7
MISSOURI VALLEY								
CARROLL	6	0	0	6	0	0	6	4.9
CHARITON	2	0	0	2	0	0	2	1.9
SALINE	3	0	0	3	0	0	3	1.2
REGION TOTAL	11	0	0	11	0	0	11	2.3
NORTHEAST MISSOURI								
ADAIR	82	6	1	89	7	1	97	35.8
CLARK	1	0	0	1	1	0	2	1.2
KNOX	2	0	0	2	2	0	4	3.6
SCHUYLER	3	0	0	3	0	0	3	6.8
SCOTLAND	3	0	0	3	0	0	3	5.5
REGION TOTAL	91	6	1	98	10	1	109	19.9
MARK TWAIN								
LEWIS	2	0	0	2	0	0	2	1.8
MACON	7	0	0	7	1	0	8	4.3
MARION	2	0	0	2	0	0	2	0.7
MONROE	2	1	0	3	0	0	3	3.1
PIKE	5	0	0	5	1	0	6	2.8
RALLS	1	1	0	2	0	0	2	2.2
RANDOLPH	8	3	0	11	0	0	11	4.3
SHELBY	2	1	0	3	1	0	4	3.8
REGION TOTAL	29	6	0	35	3	0	38	2.8

TABLE 24. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
BOONSLICK								
LINCOLN	6	0	0	6	1	0	7	2.7
MONTGOMERY	3	0	0	3	1	0	4	2.6
WARREN	1	0	0	1	0	0	1	0.7
REGION TOTAL	10	0	0	10	2	0	12	2.1
OZARK GATEWAY								
BARTON	3	0	0	3	0	0	3	2.7
JASPER	25	4	0	29	5	0	34	3.3
MCDONALD	5	0	0	5	1	0	6	3.4
NEWTON	4	2	0	6	0	0	6	1.5
REGION TOTAL	37	6	0	43	6	0	49	2.8
KAYSINGER BASIN								
BATES	1	2	0	3	0	0	3	1.9
BENTON	5	1	0	6	0	0	6	4.9
CEDAR	2	1	0	3	2	0	5	2.5
HENRY	11	0	0	11	2	0	13	5.6
HICKORY	2	0	0	2	0	0	2	3.1
ST CLAIR	0	0	0	0	0	0	0	0.0
VERNON	2	0	0	2	1	0	3	1.0
REGION TOTAL	23	4	0	27	5	0	32	2.9
SHOW-ME								
JOHNSON	4	0	0	4	1	0	5	1.0
LAFAYETTE	4	2	0	6	1	0	7	2.0
PETTIS	6	1	0	7	0	0	7	1.9
REGION TOTAL	14	3	0	17	2	0	19	1.6
SOUTH CENTRAL OZARK								
DOUGLAS	1	0	0	1	0	0	1	0.9
HOWELL	7	0	0	7	1	0	8	2.4
OREGON	2	0	0	2	0	0	2	2.0
OZARK	1	0	0	1	0	0	1	1.3
SHANNON	1	1	0	2	0	0	2	2.5
TEXAS	1	0	0	1	1	0	2	0.5
WRIGHT	2	0	0	2	1	0	3	1.2
REGION TOTAL	15	1	0	16	3	0	19	1.5
MERAMEC								
CRAWFORD	1	0	0	1	0	0	1	0.5
DENT	3	0	0	3	1	0	4	2.1
GASCONADE	5	0	0	5	0	0	5	3.8
MARIES	0	0	0	0	1	0	1	0.0
PHELPS	16	0	0	16	0	0	16	4.8
WASHINGTON	2	0	0	2	0	0	2	1.1
REGION TOTAL	27	0	0	27	2	0	29	2.6

TABLE 24. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE				ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	IN TRAINING	TOTAL				
LAKE OF THE OZARKS								
CAMDEN	7	1	0	8	1	0	9	4.0
LACLEDE	5	0	0	5	1	0	6	2.1
MILLER	7	0	0	7	0	0	7	3.8
MORGAN	2	0	0	2	1	0	3	1.4
PULASKI	15	0	0	15	3	0	18	3.6
REGION TOTAL	36	1	0	37	6	0	43	3.1
SOUTHEAST MISSOURI								
BOLLINGER	1	0	0	1	0	0	1	1.0
CAPE GIRARDEAU	7	2	0	9	2	0	11	1.5
IRON	2	0	0	2	0	0	2	1.8
MADISON	2	0	0	2	0	0	2	1.9
PERRY	0	0	0	0	0	0	0	0.0
ST FRANCOIS	24	3	0	27	0	0	27	6.3
STE GENEVIEVE	2	0	0	2	0	0	2	1.3
REGION TOTAL	38	5	0	43	2	0	45	2.6
BOOTHEEL								
DUNKLIN	1	0	1	2	0	0	2	0.6
MISSISSIPPI	5	0	0	5	0	0	5	3.2
NEW MADRID	2	2	0	4	0	0	4	1.7
PEMISCOT	1	0	0	1	0	0	1	0.4
SCOTT	5	2	0	7	0	0	7	1.8
STODDARD	4	2	0	6	0	0	6	2.1
REGION TOTAL	18	6	1	25	0	0	25	1.5
OZARK FOOTHILLS								
BUTLER	4	2	0	6	0	0	6	1.6
CARTER	0	1	0	1	0	0	1	1.8
REYNOLDS	2	0	0	2	0	0	2	2.8
RIPLEY	1	0	0	1	1	0	2	0.8
WAYNE	3	1	0	4	0	0	4	3.5
REGION TOTAL	10	4	0	14	1	0	15	1.9
HEALTH SERVICE AREAS								
HSA 1 MID-AMERICA	217	19	19	255	23	6	284	2.9
HSA 2 CENTRAL MISSOURI	335	30	3	368	48	1	417	3.3
HSA 3 EAST-WEST GATEWAY	188	11	19	218	13	6	237	1.2
HSA 4 SOUTHWEST MISSOURI	100	15	0	115	21	1	137	1.9
HSA 5 SOUTHEAST MISSOURI	93	15	1	109	5	0	114	2.1
METROPOLITAN TOTAL	537	46	40	623	58	13	694	1.8
NONMETROPOLITAN TOTAL	396	44	2	442	52	1	495	3.0
STATE TOTAL	933	90	42	1,065	110	14	1,189	2.2
PERCENT OF STATE TOTAL	78.5	7.6	3.5	89.6	9.3	1.2	100.0	

TABLE 25. ACTIVE PHYSICIANS, WITH RATES, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	ACTIVE NON-FEDERAL PHYSICIANS	ACTIVE FEDERAL PHYSICIANS	TOTAL PHYSICIANS	ACTIVITY STATUS NOT STATED	ACTIVE PER 10,000 POPULATION*
METROPOLITAN REGIONS					
EAST-WEST GATEWAY	3,840	111	3,951	183	21.5
MID-AMERICA	1,698	31	1,729	26	19.2
SOUTHWEST MISSOURI	453	8	461	8	12.7
MID-MISSOURI	699	31	730	45	26.4
MO-KAN	140	2	142	0	11.1
NONMETROPOLITAN REGIONS					
NORTHWEST MISSOURI	27	0	27	0	5.6
GREEN HILLS	60	1	61	0	6.8
MISSOURI VALLEY	27	2	29	0	5.7
NORTHEAST MISSOURI	102	1	103	1	20.7
MARK TWAIN	97	0	97	0	7.7
BOONSLICK	17	1	18	0	3.5
OZARK GATEWAY	160	2	162	0	10.4
KAYSINGER BASIN	70	0	70	0	7.4
SHOW-ME	78	8	86	0	7.4
SOUTH CENTRAL OZARK	51	0	51	0	4.9
MERAMEC	64	3	67	0	6.1
LAKE OF THE OZARKS	59	25	84	3	5.0
SOUTHEAST MISSOURI	196	2	198	2	11.8
BOOTHEEL	110	1	111	1	6.5
OZARK FOOTHILLS	73	8	81	1	9.9
HEALTH SERVICE AREAS					
HSA 1 MID-AMERICA	1,699	31	1,730	26	19.2
HSA 2 CENTRAL MISSOURI	1,376	71	1,447	49	12.3
HSA 3 EAST-WEST GATEWAY	3,840	111	3,951	183	21.5
HSA 4 SOUTHWEST MISSOURI	664	10	674	8	10.8
HSA 5 SOUTHEAST MISSOURI	443	14	457	4	8.6
METROPOLITAN TOTAL	6,830	183	7,013	262	20.0
NONMETROPOLITAN TOTAL	1,191	54	1,245	8	8.0
STATE TOTAL	8,022	237	8,259	270	16.3

* EXCLUDING FEDERAL PHYSICIANS

TABLE 26. FULL-TIME EQUIVALENT DOCTORS OF MEDICINE IN PATIENT CARE, BY TYPE OF CARE PROVIDED, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981*

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
EAST-WEST GATEWAY						
FRANKLIN	20.67	13.00	0.00	0.00	0.00	33.67
JEFFERSON	25.70	12.87	1.00	1.00	0.90	41.47
ST CHARLES	43.52	61.82	0.00	0.00	0.00	105.34
ST LOUIS CNTY	645.29	930.29	59.36	56.24	9.00	1700.18
ST LOUIS CITY	381.82	776.94	297.39	33.09	41.02	1530.26
REGION TOTAL	1117.00	1794.92	357.75	90.33	50.92	3410.92
MID-AMERICA						
CASS	6.00	1.00	0.00	0.00	0.00	7.00
CLAY	52.65	76.12	0.00	1.50	0.00	130.27
JACKSON	425.27	723.19	74.60	21.81	7.00	1251.87
PLATTE	7.45	1.00	0.00	0.60	0.00	9.05
RAY	4.00	2.00	0.00	0.00	0.00	6.00
REGION TOTAL	495.37	803.31	74.60	23.91	7.00	1404.19
SOUTHWEST MISSOURI						
BARRY	8.14	3.00	0.00	0.00	0.00	11.14
CHRISTIAN	3.00	0.40	0.00	0.00	0.00	3.40
DADE	3.49	0.00	0.00	0.00	0.00	3.49
DALLAS	1.00	0.00	0.00	0.00	0.00	1.00
GREENE	118.22	199.20	0.00	4.00	0.07	321.49
LAWRENCE	14.00	8.87	0.00	0.00	0.00	22.87
POLK	5.20	1.00	0.00	0.00	0.00	6.20
STONE	1.82	0.00	0.00	0.00	0.00	1.82
TANEY	7.32	7.17	0.00	0.00	0.00	14.49
WEBSTER	3.00	0.00	0.00	0.00	0.00	3.00
REGION TOTAL	165.19	219.64	0.00	4.00	0.07	388.90
MID-MISSOURI						
AUDRAIN	12.30	13.00	0.00	0.00	0.00	25.30
BOONE	115.44	254.80	71.09	23.67	11.90	476.90
CALLAWAY	6.75	11.00	0.00	0.00	0.00	17.75
COLE	26.00	30.87	0.00	0.00	0.00	56.87
COOPER	5.00	0.00	0.00	0.00	0.00	5.00
HOWARD	6.00	0.00	0.00	0.00	0.00	6.00
MONITEAU	2.90	0.00	0.00	0.00	0.00	2.90
OSAGE	0.00	0.00	0.00	0.00	0.00	0.00
REGION TOTAL	174.39	309.67	71.09	23.67	11.90	590.72
MO-KAN						
ANDREW	1.00	1.00	0.00	0.00	0.00	2.00
BUCHANAN	42.37	66.76	0.00	0.00	0.00	109.13
CLINTON	4.00	0.00	0.00	0.00	0.00	4.00
DEKALB	0.00	0.00	0.00	1.00	0.00	1.00
REGION TOTAL	47.37	67.76	0.00	1.00	0.00	116.13

TABLE 26. (CONTINUED)

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
NORTHWEST MISSOURI						
ATCHISON	5.00	0.00	0.00	0.00	0.00	5.00
GENTRY	3.00	2.00	0.00	0.00	0.00	5.00
HOLT	1.00	0.00	0.00	0.00	0.00	1.00
NODAWAY	7.00	2.00	0.00	0.00	0.00	9.00
WORTH	1.00	0.00	0.00	0.00	0.00	1.00
REGION TOTAL	17.00	4.00	0.00	0.00	0.00	21.00
GREEN HILLS						
CALDWELL	2.00	0.00	0.00	0.00	0.00	2.00
DAVIESS	1.62	0.00	0.00	0.00	0.00	1.62
GRUNDY	3.00	0.00	0.00	0.00	0.00	3.00
HARRISON	3.00	0.00	0.00	0.00	0.00	3.00
LINN	5.00	2.00	0.00	0.00	0.00	7.00
LIVINGSTON	6.00	4.60	0.00	0.00	0.00	10.60
MERCER	0.00	0.00	0.00	0.00	0.00	0.00
PUTNAM	0.00	0.00	0.00	0.00	0.00	0.00
SULLIVAN	0.00	0.00	0.00	0.00	0.00	0.00
REGION TOTAL	20.62	6.60	0.00	0.00	0.00	27.22
MISSOURI VALLEY						
CARROLL	3.90	0.00	0.00	0.00	0.00	3.90
CHARITON	1.00	0.00	0.00	0.00	0.00	1.00
SALINE	11.00	1.00	0.00	1.00	0.00	13.00
REGION TOTAL	15.90	1.00	0.00	1.00	0.00	17.90
NORTHEAST MISSOURI						
ADAIR	2.00	0.00	0.00	0.00	0.00	2.00
CLARK	0.00	0.00	0.00	0.00	0.00	0.00
KNOX	1.00	0.00	0.00	0.00	0.00	1.00
SCHUYLER	0.00	0.00	0.00	0.00	0.00	0.00
SCOTLAND	1.00	1.00	0.00	0.00	0.00	2.00
REGION TOTAL	4.00	1.00	0.00	0.00	0.00	5.00
MARK TWAIN						
LEWIS	1.00	0.00	0.00	0.00	0.00	1.00
MACON	1.55	0.00	0.00	0.00	0.00	1.55
MARION	17.00	15.90	0.00	0.00	0.00	32.90
MONROE	1.00	0.00	0.00	0.00	0.00	1.00
PIKE	5.00	3.00	0.00	0.00	0.00	8.00
RALLS	0.00	0.00	0.00	0.00	0.00	0.00
RANDOLPH	7.02	7.00	0.00	0.00	0.00	14.02
SHELBY	1.00	0.00	0.00	0.00	0.00	1.00
REGION TOTAL	33.57	25.90	0.00	0.00	0.00	59.47

TABLE 26. (CONTINUED)

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	SPECIALTY FEDERAL	SPECIALTY NOT STATED	TOTAL
BOONSLICK						
LINCOLN	3.00	1.00	0.00	1.00	0.00	5.00
MONTGOMERY	1.00	0.00	0.00	0.00	0.00	1.00
WARREN	1.75	0.00	0.00	0.00	0.00	1.75
REGION TOTAL	5.75	1.00	0.00	1.00	0.00	7.75
OZARK GATEWAY						
BARTON	4.00	0.00	0.00	0.00	0.00	4.00
JASPER	38.02	57.67	0.00	0.00	0.00	95.69
MCDONALD	0.00	0.00	0.00	0.00	0.00	0.00
NEWTON	13.75	1.20	0.00	0.40	0.00	15.35
REGION TOTAL	55.77	58.87	0.00	0.40	0.00	115.04
KAYSINGER BASIN						
BATES	6.00	1.00	0.00	0.00	0.00	7.00
BENTON	1.00	0.00	0.00	0.00	0.00	1.00
CEDAR	2.37	0.00	0.00	0.00	0.00	2.37
HENRY	4.87	3.00	0.00	0.00	0.00	7.87
HICKORY	0.00	0.00	0.00	0.00	0.00	0.00
ST CLAIR	3.00	1.00	0.00	0.00	0.00	4.00
VERNON	12.67	6.00	0.00	0.00	0.00	18.67
REGION TOTAL	29.91	11.00	0.00	0.00	0.00	40.91
SHOW-ME						
JOHNSON	6.25	8.00	0.00	8.00	0.00	22.25
LAFAYETTE	14.20	3.00	0.00	0.00	0.00	17.20
PETTIS	16.50	11.00	0.00	0.00	0.00	27.50
REGION TOTAL	36.95	22.00	0.00	8.00	0.00	66.95
SOUTH CENTRAL OZARK						
DOUGLAS	4.00	0.00	0.00	0.00	0.00	4.00
HOWELL	8.40	4.80	0.00	0.00	0.00	13.20
OREGON	1.75	0.00	0.00	0.00	0.00	1.75
OZARK	0.00	0.00	0.00	0.00	0.00	0.00
SHANNON	0.00	0.00	0.00	0.00	1.00	1.00
TEXAS	6.00	4.00	0.00	0.00	0.00	10.00
WRIGHT	2.50	1.00	0.00	0.00	0.00	3.50
REGION TOTAL	22.65	9.80	0.00	0.00	1.00	33.45
MERAMEC						
CRAWFORD	4.00	1.00	0.00	0.00	0.00	5.00
DENT	2.00	3.00	0.00	0.00	0.00	5.00
GASCONADE	2.75	1.00	0.00	0.00	0.00	3.75
MARIES	0.00	0.00	0.00	0.00	0.00	0.00
PHELPS	8.75	10.00	0.00	3.00	0.00	21.75
WASHINGTON	1.00	2.00	0.00	0.00	0.00	3.00
REGION TOTAL	18.50	17.00	0.00	3.00	0.00	38.50

TABLE 26. (CONTINUED)

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
LAKE OF THE OZARKS						
CAMDEN	8.50	4.12	0.00	0.00	0.00	12.62
LACLEDE	5.00	2.00	0.00	0.00	0.00	7.00
MILLER	2.00	0.00	0.00	0.00	0.00	2.00
MORGAN	4.00	0.00	0.00	1.00	0.00	5.00
PULASKI	0.00	3.00	0.00	16.00	0.00	19.00
REGION TOTAL	19.50	9.12	0.00	17.00	0.00	45.62
SOUTHEAST MISSOURI						
BOLLINGER	1.00	0.00	0.00	0.00	0.00	1.00
CAPE GIRARDEAU	33.65	57.00	0.00	0.00	0.00	90.65
IRON	4.00	1.00	0.00	0.00	0.00	5.00
MADISON	4.00	2.00	0.00	0.00	0.00	6.00
PERRY	7.00	4.00	0.00	0.00	0.00	11.00
ST FRANCOIS	20.50	10.12	0.00	0.00	0.00	30.62
STE GENEVIEVE	6.00	2.00	0.00	0.00	0.00	8.00
REGION TOTAL	76.15	76.12	0.00	0.00	0.00	152.27
BOOTHEEL						
DUNKLIN	16.50	5.00	0.00	0.00	0.00	21.50
MISSISSIPPI	3.00	0.00	0.00	0.00	0.00	3.00
NEW MADRID	4.82	0.00	0.00	0.00	0.00	4.82
PEMISCOT	8.85	5.00	0.00	0.00	0.00	13.85
SCOTT	15.00	13.40	0.00	0.00	0.00	28.40
STODDARD	7.99	3.00	0.00	0.00	1.00	11.99
REGION TOTAL	56.16	26.40	0.00	0.00	1.00	83.56
OZARK FOOTHILLS						
BUTLER	32.00	21.00	1.00	6.00	0.00	60.00
CARTER	1.00	0.00	0.00	0.00	0.00	1.00
REYNOLDS	1.00	0.00	0.00	0.00	0.00	1.00
RIPLEY	2.20	1.00	0.00	0.00	0.00	3.20
WAYNE	0.00	0.00	0.00	0.00	0.00	0.00
REGION TOTAL	36.20	22.00	1.00	6.00	0.00	65.20
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	495.37	803.31	74.60	23.91	7.00	1404.19
HSA 2 CENTRAL MISSOURI	404.96	459.05	71.09	51.67	11.90	998.67
HSA 3 EAST-WEST GATEWAY	1117.00	1794.92	357.75	90.33	50.92	3410.92
HSA 4 SOUTHWEST MISSOURI	243.61	288.31	0.00	4.40	1.07	537.39
HSA 5 SOUTHEAST MISSOURI	187.01	141.52	1.00	9.00	1.00	339.53
METROPOLITAN TOTAL	1999.32	3195.30	503.44	142.91	69.89	5910.86
NONMETROPOLITAN TOTAL	448.63	291.81	1.00	36.40	2.00	779.84
STATE TOTAL	2447.95	3487.11	504.44	179.31	71.89	6690.70

* EXCLUDES MD'S REPORTING NO HOURS IN PATIENT CARE.

TABLE 27. FULL-TIME EQUIVALENT DOCTORS OF OSTEOPATHY IN PATIENT CARE, BY TYPE OF CARE PROVIDED, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
EAST-WEST GATEWAY						
FRANKLIN	9.14	0.00	0.00	0.00	0.00	9.14
JEFFERSON	4.90	0.87	0.00	1.00	0.00	6.77
ST CHARLES	11.00	2.00	0.00	0.00	0.00	13.00
ST LOUIS CNTY	78.08	68.60	13.00	0.00	0.30	159.98
ST LOUIS CITY	9.60	3.00	4.50	2.00	0.00	19.10
REGION TOTAL	112.72	74.47	17.50	3.00	0.30	207.99
MID-AMERICA						
CASS	4.77	0.00	0.00	2.00	0.00	6.77
CLAY	25.17	10.37	2.00	0.00	3.00	40.54
JACKSON	101.22	62.63	11.75	0.00	6.00	181.60
PLATTE	4.00	0.00	1.00	0.00	0.00	5.00
RAY	3.42	0.00	0.00	0.00	0.00	3.42
REGION TOTAL	133.53	73.00	14.75	2.00	9.00	237.33
SOUTHWEST MISSOURI						
BARRY	4.00	0.00	0.00	0.00	0.00	4.00
CHRISTIAN	3.10	0.00	0.00	0.00	0.00	3.10
DADE	2.00	0.00	0.00	0.00	0.00	2.00
DALLAS	2.00	0.00	0.00	0.00	0.00	2.00
GREENE	9.99	8.17	0.00	3.00	0.00	21.16
LAWRENCE	4.87	1.00	0.00	0.00	0.00	5.87
POLK	0.70	0.00	0.00	1.00	0.00	1.70
STONE	1.00	0.00	0.00	0.00	0.00	1.00
TANEY	8.00	1.00	0.00	0.00	0.00	9.00
WEBSTER	1.70	0.00	0.00	0.00	0.00	1.70
REGION TOTAL	37.36	10.17	0.00	4.00	0.00	51.53
MID-MISSOURI						
AUDRAIN	4.90	1.00	0.00	0.00	0.00	5.90
BOONE	3.50	7.00	0.00	0.00	0.00	10.50
CALLAWAY	5.00	3.00	0.00	0.00	0.00	8.00
COLE	15.05	13.64	1.00	0.00	1.00	30.69
COOPER	2.00	1.00	0.00	0.00	0.00	3.00
HOWARD	1.00	0.00	0.00	0.00	0.00	1.00
MONITEAU	4.00	1.00	0.00	0.00	0.00	5.00
OSAGE	3.00	0.00	0.00	0.00	0.00	3.00
REGION TOTAL	38.45	26.64	1.00	0.00	1.00	67.09
MO-KAN						
ANDREW	1.00	0.00	0.00	0.00	0.00	1.00
BUCHANAN	3.20	2.00	0.00	0.00	0.00	5.20
CLINTON	10.00	3.00	0.00	0.00	0.00	13.00
DEKALB	0.00	0.00	0.00	1.00	0.00	1.00
REGION TOTAL	14.20	5.00	0.00	1.00	0.00	20.20

TABLE 27. (CONTINUED)

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
NORTHWEST MISSOURI						
ATCHISON	0.00	0.00	0.00	0.00	0.00	0.00
GENTRY	1.00	0.00	0.00	0.00	0.00	1.00
HOLT	2.00	1.00	0.00	0.00	0.00	3.00
NODAWAY	1.00	0.00	0.00	0.00	0.00	1.00
WORTH	1.00	0.00	0.00	0.00	0.00	1.00
REGION TOTAL	5.00	1.00	0.00	0.00	0.00	6.00
GREEN HILLS						
CALDWELL	2.00	0.00	0.00	0.00	0.00	2.00
DAVIESS	3.35	0.00	0.00	0.00	0.00	3.35
GRUNDY	4.00	1.00	0.00	0.00	0.00	5.00
HARRISON	1.00	0.00	0.00	0.00	1.00	2.00
LINN	5.27	0.00	0.00	0.00	0.00	5.27
LIVINGSTON	3.00	1.00	0.00	0.00	0.00	4.00
MERCER	1.75	0.00	0.00	1.00	0.00	2.75
PUTNAM	2.75	0.00	0.00	0.00	0.00	2.75
SULLIVAN	4.00	0.00	0.00	0.00	0.00	4.00
REGION TOTAL	27.12	2.00	0.00	1.00	1.00	31.12
MISSOURI VALLEY						
CARROLL	1.00	3.00	0.00	1.00	0.00	5.00
CHARITON	2.00	0.00	0.00	0.00	0.00	2.00
SALINE	3.00	0.00	0.00	0.00	0.00	3.00
REGION TOTAL	6.00	3.00	0.00	1.00	0.00	10.00
NORTHEAST MISSOURI						
ADAIR	31.78	39.12	1.00	1.00	1.00	73.90
CLARK	1.00	0.00	0.00	0.00	0.00	1.00
KNOX	2.00	0.00	0.00	0.00	0.00	2.00
SCHUYLER	3.00	0.00	0.00	0.00	0.00	3.00
SCOTLAND	3.00	0.00	0.00	0.00	0.00	3.00
REGION TOTAL	40.78	39.12	1.00	1.00	1.00	82.90
MARK TWAIN						
LEWIS	1.90	0.00	0.00	0.00	0.00	1.90
MACON	5.15	0.00	0.00	0.00	1.00	6.15
MARION	2.00	0.00	0.00	0.00	0.00	2.00
MONROE	2.60	0.00	0.00	0.00	0.00	2.60
PIKE	3.37	1.00	0.00	0.00	0.00	4.37
RALLS	1.30	0.00	0.00	0.00	0.00	1.30
RANDOLPH	8.06	0.75	0.00	0.00	0.00	8.81
SHELBY	2.40	0.00	0.00	0.00	0.00	2.40
REGION TOTAL	26.78	1.75	0.00	0.00	1.00	29.53

TABLE 27. (CONTINUED)

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
BOONSLICK						
LINCOLN	4.90	1.00	0.00	0.00	0.00	5.90
MONTGOMERY	2.87	0.00	0.00	0.00	0.00	2.87
WARREN	1.00	0.00	0.00	0.00	0.00	1.00
REGION TOTAL	8.77	1.00	0.00	0.00	0.00	9.77
OZARK GATEWAY						
BARTON	3.00	0.00	0.00	0.00	0.00	3.00
JASPER	15.90	9.89	0.00	0.00	0.00	25.79
MCDONALD	2.35	1.00	0.00	1.00	0.00	4.35
NEWTON	3.30	1.30	0.00	0.00	0.00	4.60
REGION TOTAL	24.55	12.19	0.00	1.00	0.00	37.74
KAYSINGER BASIN						
BATES	2.25	0.00	0.00	0.00	0.00	2.25
BENTON	5.20	0.00	0.00	0.00	0.00	5.20
CEDAR	2.55	0.00	0.00	0.00	0.00	2.55
HENRY	8.00	3.00	0.00	0.00	0.00	11.00
HICKORY	2.00	0.00	0.00	0.00	0.00	2.00
ST CLAIR	0.00	0.00	0.00	0.00	0.00	0.00
VERNON	0.00	2.00	0.00	0.00	0.00	2.00
REGION TOTAL	20.00	5.00	0.00	0.00	0.00	25.00
SHOW-ME						
JOHNSON	4.00	0.00	0.00	0.00	0.00	4.00
LAFAYETTE	5.37	0.00	0.00	0.00	0.00	5.37
PETTIS	5.35	1.00	0.00	0.00	0.00	6.35
REGION TOTAL	14.72	1.00	0.00	0.00	0.00	15.72
SOUTH CENTRAL OZARK						
DOUGLAS	0.00	1.00	0.00	0.00	0.00	1.00
HOWELL	4.00	2.00	0.00	0.00	1.00	7.00
OREGON	2.00	0.00	0.00	0.00	0.00	2.00
OZARK	1.00	0.00	0.00	0.00	0.00	1.00
SHANNON	2.00	0.00	0.00	0.00	0.00	2.00
TEXAS	1.00	0.00	0.00	0.00	0.00	1.00
WRIGHT	2.00	0.00	0.00	0.00	0.00	2.00
REGION TOTAL	12.00	3.00	0.00	0.00	1.00	16.00
MERAMEC						
CRAWFORD	1.00	0.00	0.00	0.00	0.00	1.00
DENT	2.87	0.00	0.00	0.00	0.00	2.87
GASCONADE	3.82	1.00	0.00	0.00	0.00	4.82
MARIES	0.00	0.00	0.00	0.00	0.00	0.00
PHELPS	11.00	5.00	0.00	0.00	0.00	16.00
WASHINGTON	2.00	0.00	0.00	0.00	0.00	2.00
REGION TOTAL	20.69	6.00	0.00	0.00	0.00	26.69

TABLE 27. (CONTINUED)

GEOGRAPHIC AREA	PRIMARY CARE	SECONDARY AND TERTIARY	IN TRAINING	FEDERAL	SPECIALTY NOT STATED	TOTAL
LAKE OF THE OZARKS						
CAMDEN	7.00	0.00	0.00	0.00	0.00	7.00
LACLEDE	2.75	2.00	0.00	0.00	0.00	4.75
MILLER	6.00	1.00	0.00	0.00	0.00	7.00
MORGAN	2.00	0.00	0.00	0.00	0.00	2.00
PULASKI	7.00	0.00	0.00	7.00	0.00	14.00
REGION TOTAL	24.75	3.00	0.00	7.00	0.00	34.75
SOUTHEAST MISSOURI						
BOLLINGER	1.00	0.00	0.00	0.00	0.00	1.00
CAPE GIRARDEAU	5.65	3.00	0.00	0.00	0.00	8.65
IRON	1.00	0.00	0.00	1.00	0.00	2.00
MADISON	2.00	0.00	0.00	0.00	0.00	2.00
PERRY	0.00	0.00	0.00	0.00	0.00	0.00
ST FRANCOIS	16.25	8.00	0.00	1.00	0.00	25.25
STE GENEVIEVE	1.00	1.00	0.00	0.00	0.00	2.00
REGION TOTAL	26.90	12.00	0.00	2.00	0.00	40.90
BOOTHEEL						
DUNKLIN	0.80	0.00	1.00	0.00	0.00	1.80
MISSISSIPPI	4.80	0.00	0.00	0.00	0.00	4.80
NEW MADRID	2.00	0.00	0.00	1.00	0.00	3.00
PEMISCOT	1.00	0.00	0.00	0.00	0.00	1.00
SCOTT	4.62	2.00	0.00	0.00	0.00	6.62
STODDARD	4.50	0.00	0.00	0.00	0.00	4.50
REGION TOTAL	17.72	2.00	1.00	1.00	0.00	21.72
OZARK FOOTHILLS						
BUTLER	1.90	1.00	0.00	2.00	0.00	4.90
CARTER	0.62	0.00	0.00	0.00	0.00	0.62
REYNOLDS	1.00	1.00	0.00	0.00	0.00	2.00
RIPLEY	1.00	0.00	0.00	0.00	0.00	1.00
WAYNE	3.75	0.00	0.00	0.00	0.00	3.75
REGION TOTAL	8.27	2.00	0.00	2.00	0.00	12.27
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	138.58	73.00	14.75	2.00	9.00	237.33
HSA 2 CENTRAL MISSOURI	226.57	88.51	2.00	11.00	4.00	332.08
HSA 3 EAST-WEST GATEWAY	112.72	74.47	17.50	3.00	0.30	207.99
HSA 4 SOUTHWEST MISSOURI	73.91	25.36	0.00	5.00	1.00	105.27
HSA 5 SOUTHEAST MISSOURI	73.58	22.00	1.00	5.00	0.00	101.58
METROPOLITAN TOTAL	341.31	189.28	33.25	10.00	10.30	584.14
NONMETROPOLITAN TOTAL	284.05	94.06	2.00	16.00	4.00	400.11
STATE TOTAL	625.36	283.34	35.25	26.00	14.30	984.25

* EXCLUDES DO'S REPORTING NO HOURS IN PATIENT CARE.

TABLE 28. FULL-TIME EQUIVALENT PATIENT CARE PHYSICIANS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981*

GEOGRAPHIC AREA	FULL-TIME EQUIVALENT PHYSICIANS	FULL-TIME EQUIVALENT PRIMARY CARE PHYSICIANS	ACTIVITY STATUS NOT STATED	FULL-TIME EQUIVALENT PER 10,000 POPULATION	FTE PRIMARY CARE PER 10,000 POPULATION
EAST-WEST GATEWAY					
FRANKLIN	42.84	29.84	1	6.01	4.19
JEFFERSON	48.26	30.60	0	3.29	2.08
ST CHARLES	118.36	54.53	2	8.25	3.80
ST LOUIS CNTY	1860.89	723.63	131	19.09	7.42
ST LOUIS CITY	1550.64	391.63	49	34.22	8.64
REGION TOTAL	3620.99	1230.23	183	20.24	6.88
MID-AMERICA					
CASS	13.78	10.78	0	2.70	2.11
CLAY	170.84	77.83	3	12.52	5.70
JACKSON	1434.18	526.76	23	22.79	8.37
PLATTE	14.05	11.45	0	3.03	2.47
RAY	9.43	7.43	0	4.41	3.48
REGION TOTAL	1642.28	634.25	26	18.57	7.17
SOUTHWEST MISSOURI					
BARRY	15.16	12.16	0	6.21	4.98
CHRISTIAN	6.50	6.10	0	2.90	2.72
DADE	5.51	5.51	0	7.46	7.46
DALLAS	3.00	3.00	0	2.48	2.48
GREENE	342.75	128.24	7	18.50	6.92
LAWRENCE	28.76	18.88	0	9.93	6.52
POLK	7.90	5.90	1	4.20	3.13
STONE	2.83	2.83	0	1.82	1.82
TANEY	23.51	15.33	0	11.49	7.49
WEBSTER	4.70	4.70	0	2.30	2.30
REGION TOTAL	440.62	202.65	8	12.38	5.69
MID-MISSOURI					
AUDRAIN	31.20	17.20	0	11.79	6.50
BOONE	487.80	119.06	45	48.60	11.86
CALLAWAY	25.75	11.75	0	7.98	3.64
COLE	87.59	41.05	0	15.46	7.24
COOPER	8.00	7.00	0	5.46	4.78
HOWARD	7.00	7.00	0	6.99	6.99
MONITEAU	7.90	6.90	0	6.55	5.72
OSAGE	3.00	3.09	0	2.50	2.50
REGION TOTAL	658.24	212.96	45	24.89	8.05
MO-KAN					
ANDREW	3.00	2.00	0	2.15	1.43
BUCHANAN	114.37	45.58	0	13.01	5.19
CLINTON	17.00	14.00	0	10.68	8.80
DEKALB	2.00	0.00	0	2.43	0.00
REGION TOTAL	136.37	61.58	0	10.82	4.89

TABLE 28. (CONTINUED)

GEOGRAPHIC AREA	FULL-TIME EQUIVALENT PHYSICIANS	FULL-TIME EQUIVALENT PRIMARY CARE PHYSICIANS	ACTIVITY STATUS NOT STATED	FULL-TIME EQUIVALENT PER 10,000 POPULATION	FTE PRIMARY CARE PER 10,000 POPULATION
NORTHWEST MISSOURI					
ATCHISON	5.00	5.00	0	5.81	5.81
GENTRY	6.00	4.00	0	7.61	5.07
HOLT	4.00	3.00	0	5.81	4.36
NODAWAY	10.00	8.00	0	4.55	3.64
WORTH	2.00	2.00	0	6.65	6.65
REGION TOTAL	27.00	22.00	0	5.58	4.55
GREEN HILLS					
CALDWELL	4.00	4.00	0	4.62	4.62
DAVIESS	4.98	4.98	0	5.59	5.59
GRUNDY	8.00	7.00	0	6.69	5.85
HARRISON	5.00	4.00	0	5.06	4.04
LINN	12.28	10.28	0	7.93	6.63
LIVINGSTON	14.60	9.00	0	9.28	5.72
MERCER	2.75	1.75	0	5.87	3.74
PUTNAM	2.75	2.75	0	4.51	4.51
SULLIVAN	4.00	4.00	0	5.38	5.38
REGION TOTAL	58.36	47.76	0	6.57	5.37
MISSOURI VALLEY					
CARROLL	8.90	4.90	0	7.34	4.04
CHARITON	3.00	3.00	0	2.86	2.86
SALINE	16.00	14.00	0	6.42	5.62
REGION TOTAL	27.90	21.90	0	5.87	4.61
NORTHEAST MISSOURI					
ADAIR	76.00	33.82	1	30.56	13.60
CLARK	1.00	1.00	0	1.18	1.18
KNOX	3.00	3.00	0	5.45	5.45
SCHUYLER	3.00	3.00	0	6.03	6.03
SCOTLAND	5.00	4.00	0	9.23	7.39
REGION TOTAL	88.00	44.82	1	17.86	9.10
MARK TWAIN					
LEWIS	2.90	2.90	0	2.66	2.66
MACON	7.70	6.70	0	4.72	4.11
MARION	34.90	19.00	0	12.19	6.63
MONROE	3.60	3.60	0	3.71	3.71
PIKE	12.38	8.38	0	7.05	4.77
RALLS	1.30	1.30	0	1.46	1.46
RANDOLPH	22.87	15.12	0	8.98	5.94
SHELBY	3.40	3.40	0	4.34	4.34
REGION TOTAL	89.05	60.40	0	7.11	4.82

TABLE 28. (CONTINUED)

GEOGRAPHIC AREA	FULL-TIME EQUIVALENT PHYSICIANS	FULL-TIME EQUIVALENT PRIMARY CARE PHYSICIANS	ACTIVITY STATUS NOT STATED	FULL-TIME EQUIVALENT PER 10,000 POPULATION	FTE PRIMARY CARE PER 10,000 POPULATION
BOONSLICK					
LINCOLN	10.90	7.90	0	4.91	3.56
MONTGOMERY	3.88	3.88	0	3.36	3.36
WARREN	2.75	2.75	0	1.85	1.85
REGION TOTAL	17.53	14.53	0	3.60	2.99
OZARK GATEWAY					
BARTON	7.00	7.00	0	6.20	6.20
JASPER	121.52	53.93	0	13.97	6.20
MCDONALD	4.35	2.35	0	2.92	1.58
NEWTON	19.95	17.05	0	4.92	4.20
REGION TOTAL	152.82	80.33	0	9.94	5.23
KAYSINGER BASIN					
BATES	9.25	3.25	0	5.83	5.20
BENTON	6.20	6.20	0	5.09	5.09
CEDAR	4.93	4.93	0	4.14	4.14
HENRY	18.88	12.88	0	9.60	6.55
HICKORY	2.00	2.00	0	3.14	3.14
ST CLAIR	4.00	3.00	0	4.64	3.48
VERNON	20.68	12.68	0	10.44	6.40
REGION TOTAL	65.94	49.94	0	6.98	5.29
SHOW-ME					
JOHNSON	26.25	10.25	0	6.72	2.62
LAFAYETTE	22.58	19.58	0	7.55	6.54
PETTIS	33.85	21.85	0	9.31	6.01
REGION TOTAL	82.63	51.68	0	7.85	4.90
SOUTH CENTRAL OZARK					
DOUGLAS	5.00	4.00	0	4.31	3.45
HOWELL	20.20	12.40	0	7.01	4.30
OREGON	3.75	3.75	0	3.66	3.66
OZARK	1.00	1.00	0	1.26	1.26
SHANNON	3.00	2.00	0	3.80	2.54
TEXAS	11.00	7.00	0	5.22	3.32
WRIGHT	5.50	4.50	0	3.40	2.78
REGION TOTAL	49.45	34.65	0	4.77	3.34
MERAMEC					
CRAWFORD	6.00	5.00	0	3.28	2.73
DENT	7.83	4.88	0	5.43	3.36
GASCONADE	8.58	6.58	0	6.51	4.99
MARIES	0.00	0.00	0	0.00	0.00
PHELPS	37.75	19.75	0	11.22	5.87
WASHINGTON	5.00	3.00	0	2.78	1.67
REGION TOTAL	65.21	39.21	0	6.20	3.73

TABLE 28. (CONTINUED)

GEOGRAPHIC AREA	FULL-TIME EQUIVALENT PHYSICIANS	FULL-TIME EQUIVALENT PRIMARY CARE PHYSICIANS	ACTIVITY STATUS NOT STATED	FULL-TIME EQUIVALENT PER 10,000 POPULATION	FTE PRIMARY CARE PER 10,000 POPULATION
LAKE OF THE OZARKS					
CAMDEN	19.63	15.50	1	9.83	7.76
LACLEDE	11.75	7.75	0	4.83	3.19
MILLER	9.00	8.00	0	4.86	4.32
MORGAN	7.00	6.00	0	5.07	4.35
PULASKI	33.00	7.00	2	7.86	1.67
REGION TOTAL	80.38	44.25	3	6.78	3.73
SOUTHEAST MISSOURI					
BOLLINGER	2.00	2.00	0	1.94	1.94
CAPE GIRARDEAU	99.30	39.30	1	16.88	6.68
IRON	7.00	5.00	0	6.32	4.51
MADISON	8.00	6.00	0	7.46	5.59
PERRY	11.00	7.00	0	6.55	4.17
ST FRANCOIS	55.88	36.75	0	13.12	8.63
STE GENEVIEVE	10.00	7.00	1	6.59	4.61
REGION TOTAL	193.18	103.05	2	11.67	6.23
BOOTHEEL					
DUNKLIN	23.30	17.30	1	6.41	4.76
MISSISSIPPI	7.30	7.80	0	4.96	4.96
NEW MADRID	7.83	6.83	0	3.41	2.98
PEMISCOT	14.85	9.85	0	5.94	3.94
SCOTT	35.03	19.63	0	8.84	4.95
STODDARD	16.51	12.51	0	5.69	4.31
REGION TOTAL	105.32	73.92	1	6.25	4.38
OZARK FOOTHILLS					
BUTLER	64.90	33.90	1	17.22	8.99
CARTER	1.63	1.63	0	3.00	3.00
REYNOLDS	3.00	2.00	0	4.15	2.77
RIPLEY	4.20	3.20	0	3.37	2.57
WAYNE	3.75	3.75	0	3.33	3.33
REGION TOTAL	77.48	44.48	1	10.46	6.00
HEALTH SERVICE AREAS					
HSA 1 MID-AMERICA	1642.28	634.25	26	18.57	7.17
HSA 2 CENTRAL MISSOURI	1331.45	631.82	49	11.92	5.66
HSA 3 EAST-WEST GATEWAY	3620.99	1230.23	183	20.24	6.88
HSA 4 SOUTHWEST MISSOURI	642.89	317.63	8	10.48	5.18
HSA 5 SOUTHEAST MISSOURI	441.19	260.66	4	8.59	5.08
METROPOLITAN TOTAL	6498.50	2341.67	262	19.00	6.85
NONMETROPOLITAN TOTAL	1180.30	732.92	8	7.88	4.89
STATE TOTAL	7678.80	3074.59	270	15.62	6.25

*EXCLUDES FEDERAL AND IN-TRAINING PHYSICIANS; AND PHYSICIANS REPORTING NO PATIENT CARE.

TABLE 29. ACTIVE DOCTORS OF MEDICINE BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	1,034	1,061	739	521	295	3,734
MID-AMERICA	313	398	334	263	137	1,474
SOUTHWEST MISSOURI	66	121	88	83	36	405
MID-MISSOURI	215	182	125	80	29	657
MO-KAN	20	31	27	28	15	121
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	2	7	2	9	1	21
GREEN HILLS	5	7	2	7	6	28
MISSOURI VALLEY	4	3	3	2	6	18
NORTHEAST MISSOURI	1	1	0	0	2	5
MARK TWAIN	10	10	17	11	13	62
BOONSLICK	2	2	1	1	2	8
OZARK GATEWAY	16	40	31	18	13	119
KAYSINGER BASIN	10	13	8	7	5	43
SHOW-ME	14	14	19	15	6	69
SOUTH CENTRAL OZARK	3	12	8	8	3	35
MERAMEC	2	17	13	4	4	40
LAKE OF THE OZARKS	15	11	10	6	4	47
SOUTHEAST MISSOURI	24	55	35	28	12	155
BOOTHEEL	14	29	19	11	11	86
OZARK FOOTHILLS	11	19	21	9	5	67
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	313	398	334	263	137	1,474
HSA 2 CENTRAL MISSOURI	298	281	214	166	89	1,079
HSA 3 EAST-WEST GATEWAY	1,034	1,061	739	521	295	3,734
HSA 4 SOUTHWEST MISSOURI	85	173	127	109	52	559
HSA 5 SOUTHEAST MISSOURI	51	120	88	52	32	348
METROPOLITAN TOTAL	1,648	1,793	1,313	975	512	6,391
NONMETROPOLITAN TOTAL	133	240	189	136	93	803
STATE TOTAL	1,781	2,033	1,502	1,111	605	7,194
PERCENT OF STATE TOTAL	24.8	28.3	20.9	15.4	8.4	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 30. ACTIVE DOCTORS OF OSTEOPATHY BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	69	53	30	36	27	218
MID-AMERICA	57	72	35	55	33	255
SOUTHWEST MISSOURI	5	12	10	14	14	56
MID-MISSOURI	16	20	13	11	12	73
MO-KAN	3	9	2	2	3	21
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	0	0	0	3	3	6
GREEN HILLS	11	5	1	9	7	33
MISSOURI VALLEY	0	2	3	5	1	11
NORTHEAST MISSOURI	21	33	18	12	12	98
MARK TWAIN	8	6	4	5	12	35
BOONSLICK	3	1	3	3	0	10
OZARK GATEWAY	11	8	4	5	13	43
KAYSINGER BASIN	3	7	6	6	5	27
SHOW-ME	0	3	3	4	7	17
SOUTH CENTRAL OZARK	4	5	0	4	3	16
MERAMEC	7	11	4	4	1	27
LAKE OF THE OZARKS	11	9	11	3	3	37
SOUTHEAST MISSOURI	11	9	8	9	6	43
BOOTHEEL	6	2	2	7	8	25
OZARK FOOTHILLS	2	3	2	3	3	14
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	57	72	35	55	33	255
HSA 2 CENTRAL MISSOURI	76	95	64	63	65	368
HSA 3 EAST-WEST GATEWAY	69	53	30	36	27	218
HSA 4 SOUTHWEST MISSOURI	20	25	14	23	30	115
HSA 5 SOUTHEAST MISSOURI	26	25	16	23	18	109
METROPOLITAN TOTAL	150	166	90	118	89	623
NONMETROPOLITAN TOTAL	98	104	69	82	84	442
STATE TOTAL	248	270	159	200	173	1,065
PERCENT OF STATE TOTAL	23.3	25.4	14.9	18.8	16.2	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 31. ACTIVE PHYSICIANS
BY RACE:
MISSOURI 1981

RACE	NUMBER			PERCENT		
	MD	DO	TOTAL	MD	DO	TOTAL
WHITE	5,032	894	5,926	69.9	83.9	71.8
BLACK	141	8	149	2.0	0.8	1.8
AMERICAN INDIAN	4	1	5	0.1	0.1	0.1
ORIENTAL/ASIAN	631	0	631	8.8	0.0	7.6
OTHER	6	0	6	0.1	0.0	0.1
NOT STATED	1,380	162	1,542	19.2	15.2	18.7
TOTAL	7,194	1,065	8,259	100.0	100.0	100.0

TABLE 32. ACTIVE PHYSICIANS
BY SEX:
MISSOURI 1981

SEX	NUMBER			PERCENT		
	MD	DO	TOTAL	MD	DO	TOTAL
MALE	6,479	1,004	7,483	90.1	94.3	90.6
FEMALE	611	51	662	8.5	4.8	8.0
NOT STATED	104	10	114	1.4	0.9	1.4
TOTAL	7,194	1,065	8,259	100.0	100.0	100.0

TABLE 33. ACTIVE PHYSICIANS BY PRIMARY SPECIALTY: MISSOURI 1981

SPECIALTY	NUMBER			PERCENT		
	MD	DO	TOTAL	MD	DO	TOTAL
PRIMARY CARE						
GENERAL OR FAMILY PRACTICE	911	637	1,548	12.7	59.8	18.7
INTERNAL MEDICINE	1085	42	1,127	15.1	3.9	13.6
OBSTETRICS AND GYNECOLOGY	485	18	503	6.7	1.7	6.1
PEDIATRICS	457	26	483	6.4	2.4	5.8
MEDICAL SUBSPECIALTIES						
CARDIOLOGY	182	13	195	2.5	1.2	2.4
NEUROLOGY	114	6	120	1.6	0.6	1.5
DERMATOLOGY	89	3	92	1.2	0.3	1.1
PULMONARY DISEASES	74	1	75	1.0	0.1	0.9
HEMATOLOGY AND ONCOLOGY	77	3	80	1.1	0.3	1.0
GASTROENTEROLOGY	65	6	71	0.9	0.6	0.9
NEPHROLOGY	41	0	41	0.6	0.0	0.5
ALLERGY AND IMMUNOLOGY	46	2	48	0.6	0.2	0.6
OTHER MEDICAL SUBSPECIALTIES	126	11	137	1.8	1.0	1.7
SURGICAL SPECIALTIES						
GENERAL SURGERY	516	53	569	7.2	5.0	6.9
OPHTHALMOLOGY	258	14	272	3.6	1.3	3.3
ORTHOPEDIC SURGERY	257	22	279	3.6	2.1	3.4
EMERGENCY MEDICINE	170	0	170	2.4	0.0	2.1
EAR, NOSE AND THROAT	136	8	144	1.9	0.8	1.7
UROLOGICAL SURGERY	152	2	154	2.1	0.2	1.9
PLASTIC SURGERY	71	1	72	1.0	0.1	0.9
NEUROLOGICAL SURGERY	68	2	70	0.9	0.2	0.8
THORACIC SURGERY	40	0	40	0.6	0.0	0.5
CARDIOVASCULAR SURGERY	35	0	35	0.5	0.0	0.4
OTHER SURGICAL SPECIALTIES	54	5	59	0.8	0.5	0.7
OTHER SPECIALTIES						
PSYCHIATRY	457	18	475	6.4	1.7	5.8
RADIOLOGY	431	40	471	6.0	3.8	5.7
PATHOLOGY	293	14	307	4.1	1.3	3.7
ANESTHESIOLOGY	241	28	269	3.4	2.6	3.3
PREVENTIVE MEDICINE	30	0	30	0.4	0.0	0.4
OTHER SPECIALTIES	158	75	233	2.2	7.0	2.8
NOT STATED	75	15	90	1.0	1.4	1.1
TOTAL	7,194	1,065	8,259	100.0	100.0	100.0

TABLE 34. ACTIVE PHYSICIANS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1981

SETTING OF EMPLOYMENT	NUMBER			PERCENT		
	MD	DO	TOTAL	MD	DO	TOTAL
PRACTITIONER'S OFFICE	3,698	698	4,396	51.4	65.5	53.2
HOSPITAL	1,796	216	2,012	25.0	20.3	24.4
SCHOOL OF MEDICINE OR OSTEOPATHY	943	72	1,015	13.1	6.8	12.3
FEDERAL FACILITY	210	27	237	2.9	2.5	2.9
FREESTANDING CLINIC	167	28	195	2.3	2.6	2.4
OTHER	311	21	332	4.3	2.0	4.0
NOT STATED	69	3	72	1.0	0.3	0.9
TOTAL	7,194	1,065	8,259	100.0	100.0	100.0

TABLE 35. ACTIVE PHYSICIANS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1981

FORM OF EMPLOYMENT	NUMBER			PERCENT		
	MD	DO	TOTAL	MD	DO	TOTAL
SELF-EMPLOYED						
SOLO PRACTICE	2,008	522	2,530	27.9	49.0	30.6
PARTNERSHIP OR GROUP	1,885	206	2,091	26.2	19.3	25.3
NONGOVERNMENTAL EMPLOYER						
HOSPITAL, SCHOOL, ETC.	1,860	208	2,068	25.9	19.5	25.0
PARTNERSHIP OR GROUP OF PRACTITIONERS	486	52	538	6.8	4.9	6.5
INDIVIDUAL PRACTITIONER	93	18	111	1.3	1.7	1.3
GROUP HEALTH PLAN	62	2	64	0.9	0.2	0.8
GOVERNMENTAL EMPLOYER						
STATE GOVERNMENT	384	19	403	5.3	1.8	4.9
FEDERAL GOVERNMENT	237	30	267	3.3	2.8	3.2
LOCAL GOVERNMENT	89	3	92	1.2	0.3	1.1
OTHER	18	2	20	0.3	0.2	0.2
NOT STATED	72	3	75	1.0	0.3	0.9
TOTAL	7,194	1,065	8,259	100.0	100.0	100.0

TABLE 36. ACTIVE PHYSICIANS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1981

PROFESSIONAL EDUCATION	NUMBER			PERCENT		
	MD	DO	TOTAL	MD	DO	TOTAL
MISSOURI						
WASHINGTON UNIVERSITY	934	0	934	13.0	0.0	11.3
ST. LOUIS UNIVERSITY	911	0	911	12.7	0.0	11.0
UNIVERSITY OF MISSOURI IN COLUMBIA	699	0	699	9.7	0.0	8.5
UNIVERSITY OF MISSOURI IN KANSAS CITY	73	0	73	1.0	0.0	0.9
KIRKSVILLE COLLEGE OF OSTEOPATHIC MEDICINE	0	505	505	0.0	47.4	6.1
KANSAS CITY COLLEGE OF OSTEOPATHIC MEDICINE	2	443	445	0.0	41.6	5.4
OTHER MISSOURI SCHOOLS	2	0	2	0.0	0.0	0.0
STATES ADJACENT TO MISSOURI						
ARKANSAS	95	0	95	1.3	0.0	1.2
ILLINOIS	350	19	369	4.9	1.8	4.5
IOWA	85	51	136	1.2	4.8	1.6
KANSAS	577	1	578	8.0	0.1	7.0
KENTUCKY	71	0	71	1.0	0.0	0.9
NEBRASKA	149	0	149	2.1	0.0	1.8
OKLAHOMA	72	11	83	1.0	1.0	1.0
TENNESSEE	207	0	207	2.9	0.0	2.5
OTHER STATES AND CANADA	1,560	35	1,595	21.7	3.3	19.3
FOREIGN	1,406	0	1,406	19.5	0.0	17.0
NOT STATED	1	0	1	0.0	0.0	0.0
TOTAL	7,194	1,065	8,259	100.0	100.0	100.0

REGISTERED NURSES

Registered nurses (RNs) comprise the largest health profession in Missouri. There are 31,538 licensed RNs residing in the state, of which 26,812 are in active practice (Table 37).

Since 1976, Missouri has seen an increase of 8,112 active RNs--a 43 percent increase. Population estimates have risen only 3.3 percent during this same period. These figures show a definite improvement in nursing supplies in Missouri. However, hospitals, the largest users of these health professionals, continue to indicate that there is a shortage of nursing personnel. Furthermore, registered nurses are more concentrated in the urban areas of the state. The metropolitan rate per 10,000 residents is more than twice that of the nonmetropolitan rate. In addition, all nonmetropolitan regions are well below the state average of 55 RNs per 10,000 Missouri residents.

The age distribution for metropolitan and nonmetropolitan areas of the state are somewhat different, with 53 percent of the metropolitan RNs under age 35, compared to 44 percent of the nonmetropolitan RNs (Table 38). Throughout the state, however, the percentage of RNs active after the age 55 is relatively small.

Most registered nurses are female (96 percent) and white (92 percent) (Tables 39, 40).* The numbers of males and non-whites have increased since 1976 but the percentage of the total remains constant.

A majority (66 percent) of Missouri's RNs report their clinical area of practice as medical/surgical or general practice (Table 41). Obstetrics, pediatrics, geriatrics, public health, and mental health make up another 32 percent.

Hospitals continue to be the major employer of Missouri's RNs, accounting for 74 percent of those active (Table 42). Other employment settings include nursing homes, community health, and physicians' offices.

Sixty-one percent of active RNs describe themselves as general duty or staff nurses (Table 43). Nurses in administrative positions comprise another 28 percent of the total.

Over two-thirds (70 percent) of Missouri's active RNs received their professional education in the state (Table 44). Among other states only Kansas and Illinois have supplied a significant number of Missouri's active nurses.

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*Unknowns were excluded when calculating these percentages.

Although there is a growing trend toward baccalaureate or associate degree nursing programs, diploma programs represent the initial nursing education of 61 percent of all Missouri RNs (Table 45). Some diploma RNs have, however, gone on to take higher degrees (Table 46).

TABLE 37. LICENSED REGISTERED NURSES BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	113	68	181	41	4	226	25.4
JEFFERSON	122	48	170	44	3	217	11.6
ST CHARLES	410	290	700	139	16	855	48.8
ST LOUIS CNTY	3,898	2,154	6,052	1,379	174	7,605	62.1
ST LOUIS CITY	4,624	1,031	5,655	529	50	6,234	124.8
REGION TOTAL	9,167	3,591	12,758	2,132	247	15,137	71.3
MID-AMERICA							
CASS	36	15	51	23	2	76	10.0
CLAY	456	223	679	104	20	803	49.7
JACKSON	4,000	1,186	5,186	555	67	5,808	82.4
PLATTE	26	6	32	26	5	63	6.9
RAY	18	10	28	6	0	34	13.1
REGION TOTAL	4,536	1,440	5,976	714	94	6,784	67.6
SOUTHWEST MISSOURI							
BARRY	33	11	44	16	2	62	18.0
CHRISTIAN	11	1	12	10	0	22	5.4
DADE	11	5	16	3	1	20	21.7
DALLAS	8	3	11	4	0	15	9.1
GREENE	975	274	1,249	180	25	1,454	67.4
LAWRENCE	73	20	93	16	2	111	32.1
POLK	11	4	15	7	0	22	8.0
STONE	9	2	11	4	2	17	7.1
TANEY	49	19	68	14	6	88	33.2
WEBSTER	11	4	15	8	2	25	7.3
REGION TOTAL	1,191	343	1,534	262	40	1,836	43.1
MID-MISSOURI							
AUDRAIN	75	37	112	28	2	142	42.3
BOONE	933	295	1,228	138	26	1,392	122.3
CALLAWAY	85	9	94	12	3	109	29.1
COLE	248	92	340	56	5	401	60.0
COOPER	36	17	53	17	1	71	36.2
HOWARD	26	6	32	5	1	38	32.0
MONITEAU	5	7	12	3	1	16	9.9
OSAGE	2	1	3	6	0	9	2.5
REGION TOTAL	1,410	464	1,874	265	39	2,178	70.9
MO-KAN							
ANDREW	7	3	10	11	3	24	7.2
BUCHANAN	410	126	536	100	11	647	61.0
CLINTON	34	9	43	6	0	49	27.0
DEKALB	3	3	6	5	0	11	7.3
REGION TOTAL	454	141	595	122	14	731	47.2

TABLE 37. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	18	7	25	5	1	31	29.1
GENTRY	18	3	21	5	0	26	26.6
HOLT	6	1	7	3	0	10	10.2
NODAWAY	60	27	87	16	1	104	39.6
WORTH	3	1	4	3	0	7	13.3
REGION TOTAL	105	39	144	32	2	178	29.8
GREEN HILLS							
CALDWELL	3	3	6	4	0	10	6.9
DAVIESS	6	3	9	4	0	13	10.1
GRUNDY	39	8	47	9	0	56	39.3
HARRISON	12	4	16	7	1	24	16.2
LINN	34	14	48	8	1	57	31.0
LIVINGSTON	25	17	42	9	0	51	26.7
MERCER	5	4	9	2	0	11	19.2
PUTNAM	10	0	10	2	0	12	16.4
SULLIVAN	11	1	12	4	0	16	16.1
REGION TOTAL	145	54	199	49	2	250	22.4
MISSOURI VALLEY							
CARROLL	10	2	12	6	1	19	9.9
CHARITON	4	3	7	4	0	11	6.7
SALINE	46	36	82	16	0	98	32.9
REGION TOTAL	60	41	101	26	1	128	21.2
NORTHEAST MISSOURI							
ADAIR	128	29	157	18	3	178	63.1
CLARK	5	3	8	1	0	9	9.4
KNOX	3	3	6	3	0	9	10.9
SCHUYLER	4	0	4	1	0	5	8.0
SCOTLAND	13	6	19	4	0	23	35.1
REGION TOTAL	153	41	194	27	3	224	39.4
MARK TWAIN							
LEWIS	1	9	10	5	0	15	9.2
MACON	23	15	38	6	1	45	23.3
MARION	116	34	150	25	1	176	52.4
MONROE	5	2	7	3	0	10	7.2
PIKE	28	24	52	13	2	67	29.6
RALLS	3	6	9	1	0	10	10.1
RANDOLPH	46	13	59	13	6	78	23.2
SHELBY	5	5	10	7	1	18	12.8
REGION TOTAL	227	108	335	73	11	419	26.7

TABLE 37. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	44	21	65	11	1	77	29.3
MONTGOMERY	6	11	17	5	2	24	14.7
WARREN	7	8	15	14	0	29	10.1
REGION TOTAL	57	40	97	30	3	130	19.9
OZARK GATEWAY							
BARTON	15	8	23	4	0	27	20.4
JASPER	353	95	448	51	15	514	51.5
MCDONALD	5	2	7	4	1	12	4.7
NEWTON	44	24	68	11	0	79	16.8
REGION TOTAL	417	129	546	70	16	632	35.5
KAYSINGER BASIN							
BATES	25	14	39	2	1	42	24.6
BENTON	4	4	8	4	0	12	6.6
CEDAR	21	13	34	6	0	40	28.6
HENRY	46	16	62	13	0	75	31.5
HICKORY	1	2	3	2	0	5	4.7
ST CLAIR	18	6	24	4	0	28	27.8
VERNON	87	13	100	10	1	111	50.5
REGION TOTAL	202	68	270	41	2	313	28.6
SHOW-ME							
JOHNSON	61	22	83	23	2	108	21.2
LAFAYETTE	60	16	76	10	0	86	25.4
PETTIS	91	34	125	13	3	141	34.4
REGION TOTAL	212	72	284	46	5	335	27.0
SOUTH CENTRAL OZARK							
DOUGLAS	11	0	11	4	1	16	9.5
HOWELL	55	14	69	10	3	82	24.0
OREGON	9	1	10	4	0	14	9.8
OZARK	4	3	7	4	0	11	8.8
SHANNON	6	3	9	0	0	9	11.4
TEXAS	35	5	40	3	0	43	19.0
WRIGHT	12	10	22	7	1	30	13.6
REGION TOTAL	132	36	168	32	5	205	16.2
MERAMEC							
CRAWFORD	20	13	33	4	2	39	18.0
DENT	16	4	20	6	0	26	13.8
GASCONADE	26	6	32	16	0	48	24.3
MARIES	2	0	2	2	0	4	2.6
PHELPS	97	30	127	20	3	150	37.8
WASHINGTON	15	4	19	4	0	23	10.6
REGION TOTAL	176	57	233	52	5	290	22.2

TABLE 37. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY		LICENSED	ACTIVE
	FULL-TIME	PART-TIME	TOTAL	NOT ACTIVE	NOT STATED	TOTAL	PER 10000 POPULATION
LAKE OF THE OZARKS							
CAMDEN	63	13	76	13	5	94	38.1
LACLEDE	29	10	39	13	2	54	16.0
MILLER	10	0	10	5	0	15	5.4
MORGAN	9	4	13	8	0	21	9.4
PULASKI	53	7	60	9	3	72	14.3
REGION TOTAL	164	34	198	43	10	256	16.7
SOUTHEAST MISSOURI							
BOLLINGER	6	1	7	2	0	9	6.8
CAPE GIRARDEAU	344	94	438	54	6	498	74.4
IRON	19	5	24	7	0	31	21.7
MADISON	20	7	27	2	0	29	25.2
PERRY	34	15	49	8	0	57	29.2
ST FRANCOIS	173	37	210	22	3	235	49.3
STE GENEVIEVE	32	14	46	7	1	54	30.3
REGION TOTAL	628	173	801	102	10	913	48.4
BOOTHEEL							
DUNKLIN	52	8	60	8	4	72	16.5
MISSISSIPPI	7	2	9	6	0	15	5.7
NEW MADRID	33	5	38	7	2	47	16.6
PEMISCOT	36	3	39	6	1	46	15.6
SCOTT	69	15	84	12	1	97	21.2
STODDARD	26	4	30	10	0	40	10.3
REGION TOTAL	223	37	260	49	8	317	15.4
OZARK FOOTHILLS							
BUTLER	184	19	203	19	3	225	53.9
CARTER	3	0	3	2	0	5	5.5
REYNOLDS	8	4	12	3	0	15	16.6
RIPLEY	15	0	15	7	0	22	12.0
WAYNE	11	1	12	2	1	15	10.6
REGION TOTAL	221	24	245	33	4	282	33.1
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	4,536	1,440	5,976	714	94	6,784	67.6
HSA 2 CENTRAL MISSOURI	3,189	1,102	4,291	759	92	5,142	38.4
HSA 3 EAST-WEST GATEWAY	9,167	3,591	12,758	2,132	247	15,137	71.3
HSA 4 SOUTHWEST MISSOURI	1,740	508	2,248	364	61	2,673	36.7
HSA 5 SOUTHEAST MISSOURI	1,248	291	1,539	236	27	1,802	30.0
METROPOLITAN TOTAL	16,758	5,979	22,737	3,495	434	26,666	66.5
NONMETROPOLITAN TOTAL	3,122	953	4,075	710	87	4,872	27.2
STATE TOTAL	19,880	6,932	26,812	4,205	521	31,538	54.5
PERCENT OF STATE TOTAL	63.0	22.0	85.0	13.3	1.7	100.0	

TABLE 38. ACTIVE REGISTERED NURSES BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1931

GEOGRAPHIC AREA	UNDER 25	25-34	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS							
EAST-WEST GATEWAY	1,293	5,638	2,907	1,809	919	164	12,758
MID-AMERICA	445	2,590	1,404	914	521	89	5,976
SOUTHWEST MISSOURI	146	639	353	234	135	22	1,534
MID-MISSOURI	205	930	390	225	124	23	1,874
NO-KAN	53	214	126	114	66	18	595
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI	13	57	35	15	17	7	144
GREEN HILLS	9	72	53	37	20	8	199
MISSOURI VALLEY	1	29	22	23	21	5	101
NORTHEAST MISSOURI	19	93	42	17	17	5	194
MARK TWAIN	17	123	86	60	38	10	335
BOONSLICK	9	37	21	18	9	2	97
OZARK GATEWAY	40	192	167	80	49	14	546
KAYSINGER BASIN	20	83	65	59	28	12	270
SHOW-ME	12	83	71	73	34	10	284
SOUTH CENTRAL OZARK	6	55	44	37	21	5	168
MERAMEC	20	92	58	36	23	3	233
LAKE OF THE OZARKS	11	58	64	37	24	2	198
SOUTHEAST MISSOURI	85	349	186	105	63	8	801
BOOTHEEL	21	83	83	45	24	5	260
OZARK FOOTHILLS	24	83	68	47	19	2	245
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	445	2,590	1,404	914	521	89	5,976
HSA 2 CENTRAL MISSOURI	369	1,749	975	678	398	102	4,291
HSA 3 EAST-WEST GATEWAY	1,293	5,638	2,907	1,809	919	164	12,758
HSA 4 SOUTHWEST MISSOURI	192	886	564	351	205	41	2,248
HSA 5 SOUTHEAST MISSOURI	150	607	395	231	129	18	1,539
METROPOLITAN TOTAL	2,142	9,981	5,180	3,296	1,765	316	22,737
NONMETROPOLITAN TOTAL	307	1,489	1,065	687	407	98	4,075
STATE TOTAL	2,449	11,470	6,245	3,983	2,172	414	26,812
PERCENT OF STATE TOTAL	9.1	42.8	23.3	14.9	8.1	1.5	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 39. ACTIVE REGISTERED NURSES
BY RACE:
MISSOURI 1981

RACE	NUMBER	PERCENT
WHITE	24,613	91.8
BLACK	1,652	6.2
AMERICAN INDIAN	35	0.1
ORIENTAL/ASIAN	332	1.2
OTHER	24	0.1
NOT STATED	156	0.6
TOTAL	26,812	100.0

TABLE 40. ACTIVE REGISTERED NURSES
BY SEX:
MISSOURI 1981

SEX	NUMBER	PERCENT
MALE	946	3.5
FEMALE	24,616	91.8
NOT STATED	1,250	4.7
TOTAL	26,812	100.0

TABLE 41. ACTIVE REGISTERED NURSES BY CLINICAL PRACTICE AREA: MISSOURI 1981

CLINICAL PRACTICE AREA	NUMBER	PERCENT
MEDICAL/SURGICAL	10,229	38.2
GENERAL PRACTICE	7,489	27.9
OBSTETRIC/GYNECOLOGIC	2,014	7.5
COMMUNITY/PUBLIC HEALTH	1,831	6.8
PEDIATRIC	1,693	6.3
GERIATRIC	1,652	6.2
PSYCHIATRIC/MENTAL HEALTH	1,464	5.5
OTHER	376	1.4
NOT STATED	64	0.2
TOTAL	26,812	100.0

TABLE 42. ACTIVE REGISTERED NURSES BY FIELD OR PLACE OF EMPLOYMENT: MISSOURI 1981

FIELD OR PLACE OF EMPLOYMENT	NUMBER	PERCENT
HOSPITAL	19,911	74.3
NURSING HOME	1,483	5.5
COMMUNITY HEALTH	1,516	5.7
OFFICE NURSE	1,223	4.6
SCHOOL OF NURSING	916	3.4
SCHOOL NURSE	766	2.9
OCCUPATIONAL HEALTH NURSE	433	1.6
SELF-EMPLOYED	62	0.2
PRIVATE DUTY	240	0.9
OTHER	223	0.8
NOT STATED	39	0.1
TOTAL	26,812	100.0

TABLE 43. ACTIVE REGISTERED NURSES BY TYPE OF POSITION: MISSOURI 1981

TYPE OF POSITION	NUMBER	PERCENT
GENERAL DUTY/STAFF	16,436	61.3
HEAD NURSE/ASSISTANT	2,994	11.2
SUPERVISOR/ASSISTANT	2,622	9.8
INSTRUCTOR	1,410	5.3
ADMINISTRATOR/ASSISTANT	1,080	4.0
NURSE ANESTHETIST	527	2.0
NURSE ASSOCIATE/PRACTITIONER	417	1.6
SURGICAL ASSISTANT/SCRUB NURSE	567	2.1
CONSULTANT	323	1.2
CLINICAL SPECIALIST	181	0.7
OTHER	213	0.8
NOT STATED	42	0.2
TOTAL	26,812	100.0

TABLE 44. ACTIVE REGISTERED NURSES BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1981

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
ST. LOUIS AREA	10,556	39.4
KANSAS CITY AREA	4,340	16.2
OTHER MISSOURI SCHOOLS	3,727	13.9
STATES ADJACENT TO MISSOURI		
ARKANSAS	230	0.9
ILLINOIS	1,394	5.2
IOWA	622	2.3
KANSAS	1,309	4.9
KENTUCKY	96	0.4
NEBRASKA	270	1.0
OKLAHOMA	200	0.7
TENNESSEE	243	0.9
OTHER STATES AND CANADA	3,369	12.6
FOREIGN	411	1.5
NOT STATED	45	0.2
TOTAL	26,812	100.0

TABLE 45. ACTIVE REGISTERED NURSE, BY BASIC NURSING EDUCATION: MISSOURI 1981

BASIC NURSING EDUCATION	NUMBER	PERCENT
DIPLOMA	16,228	60.5
ASSOCIATE DEGREE	5,735	21.4
BACCALAUREATE OR HIGHER	4,727	17.6
NOT STATED	122	0.5
TOTAL	26,812	100.0

TABLE 46. ACTIVE REGISTERED NURSES BY HIGHEST DEGREE HELD: MISSOURI 1981

HIGHEST DEGREE	NUMBER	PERCENT
NURSING SCHOOL DIPLOMA	13,720	51.2
ASSOCIATE DEGREE IN NURSING	5,023	18.7
BACCALAUREATE IN NURSING	5,136	19.2
BACCALAUREATE IN OTHER FIELD	1,387	5.2
MASTER'S IN NURSING	651	2.4
MASTER'S IN OTHER FIELD	466	1.7
ASSOCIATE DEGREE IN OTHER FIELD	258	1.0
DOCTORATE	65	0.2
NOT STATED	106	0.4
TOTAL	26,812	100.0

LICENSED PRACTICAL NURSES

There are 11,903 licensed practical nurses (LPNs) actively practicing in Missouri (Table 47). This represents a net increase of 2,480 LPNs since 1976 and raises the state rate per 10,000 residents from 19.8 to 24.2.

The rate of LPNs per 10,000 residents among Missouri regions ranges from 13.6 in the Boonslick region to 40.0 in the Ozark Foothills region. Unlike RNs, however, LPNs are not concentrated in metropolitan areas of the state. The rate is nearly identical for metropolitan (23.7) and nonmetropolitan (25.3) regions.

The age distribution (Table 48) shows that 4 out of every 10 LPNs are under 35 years of age. The percentage of LPNs in active practice falls for each successive age grouping.

Of all the health professions considered in this report, LPNs have the largest proportion of blacks (21 percent) (Table 49). The number of male LPNs continues to increase, though their overall percentage is still small (3 percent) (Table 50).

Like RNs, medical-surgical nursing is the most frequently cited clinical activity (41 percent) (Table 51). Geriatric nursing and general practice make up another 20 and 14 percent, respectively.

Hospitals employ nearly 2 out of every 3 LPNs in Missouri (Table 52). Nursing homes (18 percent), physicians' offices (7 percent), and private duty nursing (5 percent) are other major employment settings.

Most LPNs (80 percent) received their nursing education in Missouri (Table 53). LPNs are required to have at least tenth-grade education. Most (87 percent) have completed high school and some (5 percent) report college education.

TABLE 47. LICENSED PRACTICAL NURSES BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	77	26	103	20	4	127	14.5
JEFFERSON	81	31	112	30	6	148	7.6
ST CHARLES	54	37	91	47	7	145	6.3
ST LOUIS CNTY	1,116	517	1,633	333	65	2,031	16.8
ST LOUIS CITY	1,414	350	1,764	242	46	2,052	38.9
REGION TOTAL	2,742	961	3,703	672	128	4,503	20.7
MID-AMERICA							
CASS	31	14	45	22	2	69	8.8
CLAY	159	69	228	57	11	296	16.7
JACKSON	1,536	439	1,975	322	64	2,361	31.4
PLATTE	12	4	16	15	2	33	3.5
RAY	17	4	21	6	1	28	9.8
REGION TOTAL	1,755	530	2,285	422	80	2,787	25.8
SOUTHWEST MISSOURI							
BARRY	28	11	39	14	2	55	16.0
CHRISTIAN	5	1	6	13	2	21	2.7
DADE	8	6	14	4	0	18	19.0
DALLAS	5	3	8	8	0	16	6.6
GREENE	479	145	624	102	16	742	33.7
LAWRENCE	136	18	154	36	1	191	53.2
POLK	9	3	12	8	1	21	6.4
STONE	2	1	3	7	0	10	1.9
TANEY	32	12	44	12	0	56	21.5
WEBSTER	9	6	15	14	3	32	7.3
REGION TOTAL	713	206	919	218	25	1,162	25.8
MID-MISSOURI							
AUDRAIN	108	28	136	32	1	169	51.4
BOONE	300	105	405	56	16	477	40.3
CALLAWAY	71	14	85	15	4	104	26.4
COLE	196	42	238	38	12	288	42.0
COOPER	20	10	30	9	2	41	20.5
HOWARD	19	5	24	4	0	28	24.0
MONITEAU	8	3	11	6	0	17	9.1
OSAGE	3	1	4	5	0	9	3.3
REGION TOTAL	725	208	933	165	35	1,133	35.3
MO-KAN							
ANDREW	9	2	11	6	0	17	7.9
BUCHANAN	158	72	230	49	4	283	26.2
CLINTON	24	8	32	6	1	39	20.1
DEKALB	5	1	6	5	0	11	7.3
REGION TOTAL	196	83	279	66	5	350	22.1

TABLE 47. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	10	2	12	5	1	18	13.9
GENTRY	18	8	26	7	0	33	33.0
HOLT	4	4	8	1	0	9	11.6
NODAWAY	50	24	74	14	1	89	33.6
WORTH	4	1	5	3	0	8	16.6
REGION TOTAL	86	39	125	30	2	157	25.8
GREEN HILLS							
CALDWELL	7	1	8	0	0	8	9.2
DAVIESS	8	2	10	3	0	13	11.2
GRUNDY	33	11	44	11	1	56	36.8
HARRISON	13	6	19	5	0	24	19.2
LINN	45	11	56	10	1	67	36.1
LIVINGSTON	33	9	42	7	0	49	26.7
MERCER	8	2	10	3	0	13	21.3
PUTNAM	14	2	16	3	0	19	26.3
SULLIVAN	19	2	21	8	0	29	28.2
REGION TOTAL	180	46	226	50	2	278	25.4
MISSOURI VALLEY							
CARROLL	8	2	10	7	2	19	8.2
CHARITON	9	0	9	4	0	13	8.6
SALINE	81	16	97	20	2	119	38.9
REGION TOTAL	98	18	116	31	4	151	24.4
NORTHEAST MISSOURI							
ADAIR	110	14	124	14	3	141	49.9
CLARK	0	7	7	1	0	8	8.2
KNOX	3	2	5	3	1	9	9.1
SCHUYLER	4	2	6	3	0	9	12.1
SCOTLAND	10	4	14	2	0	16	25.9
REGION TOTAL	127	29	156	23	4	183	31.7
MARK TWAIN							
LEWIS	12	2	14	3	0	17	12.8
MACON	28	11	39	15	1	55	23.9
MARION	141	33	174	22	5	201	60.8
MONROE	11	5	16	2	0	18	16.5
PIKE	33	10	43	12	1	56	24.5
RALLS	4	0	4	5	1	10	4.5
RANDOLPH	61	16	77	15	3	95	30.2
SHELBY	9	4	13	3	0	16	16.6
REGION TOTAL	299	81	380	77	11	468	30.3

TABLE 47. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	32	10	42	13	3	58	18.9
MONTGOMERY	12	8	20	9	0	29	17.3
WARREN	3	1	4	3	0	7	2.7
REGION TOTAL	47	19	66	25	3	94	13.6
OZARK GATEWAY							
BARTON	20	4	24	11	0	35	21.3
JASPER	302	73	375	75	12	462	43.1
MCDONALD	4	4	8	7	1	16	5.4
NEWTON	71	17	88	20	3	111	21.7
REGION TOTAL	397	98	495	113	16	624	32.2
KAYSINGER BASIN							
BATES	26	22	48	13	1	62	30.2
BENTON	12	3	15	7	0	22	12.3
CEDAR	23	4	27	12	2	41	22.7
HENRY	66	12	78	10	0	88	39.7
HICKORY	0	0	0	5	0	5	0.0
ST CLAIR	18	12	30	7	0	37	34.8
VERNON	99	16	115	21	1	137	58.1
REGION TOTAL	244	69	313	75	4	392	33.2
SHOW-ME							
JOHNSON	42	13	55	16	1	72	14.1
LAFAYETTE	45	16	61	18	0	79	20.4
PETTIS	86	36	122	22	2	146	33.5
REGION TOTAL	173	65	238	56	3	297	22.6
SOUTH CENTRAL OZARK							
DOUGLAS	6	3	9	5	1	15	7.8
HOWELL	69	11	80	14	5	99	27.8
OREGON	6	2	8	1	0	9	7.8
OZARK	2	2	4	2	0	6	5.0
SHANNON	7	4	11	3	0	14	14.0
TEXAS	29	6	35	9	1	45	16.6
WRIGHT	12	7	19	2	1	22	11.7
REGION TOTAL	131	35	166	36	8	210	16.0
MERAMEC							
CRAWFORD	13	6	19	10	0	29	10.4
DENT	19	4	23	9	1	33	15.8
GASCONADE	21	8	29	5	0	34	22.0
MARIES	1	0	1	1	0	2	1.3
PHELPS	83	16	99	12	3	114	29.4
WASHINGTON	13	1	14	7	1	22	7.8
REGION TOTAL	150	35	185	44	5	234	17.6

TABLE 47. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	32	3	35	7	1	43	17.5
LACLEDE	31	10	41	7	1	49	16.9
MILLER	12	8	20	6	0	26	10.8
MORGAN	6	5	11	4	1	16	8.0
PULASKI	55	8	63	17	6	86	15.0
REGION TOTAL	136	34	170	41	9	220	14.3
SOUTHEAST MISSOURI							
BOLLINGER	1	0	1	4	0	5	1.0
CAPE GIRARDEAU	126	30	156	26	7	189	26.5
IRON	26	6	32	7	0	39	28.9
MADISON	21	7	28	9	1	38	26.1
PERRY	19	4	23	2	0	25	13.7
ST FRANCOIS	135	28	163	37	2	202	38.3
STE GENEVIEVE	12	4	16	5	0	21	10.5
REGION TOTAL	340	79	419	90	10	519	25.3
BOOTHEEL							
DUNKLIN	93	24	117	27	3	147	32.2
MISSISSIPPI	17	3	20	8	1	29	12.7
NEW MADRID	17	2	19	9	0	28	8.3
PEMISCOT	63	9	72	10	1	83	28.8
SCOTT	123	24	147	17	0	164	37.1
STODDARD	46	12	58	17	0	75	20.0
REGION TOTAL	359	74	433	88	5	526	25.7
OZARK FOOTHILLS							
BUTLER	213	32	245	45	4	294	65.0
CARTER	6	2	8	6	1	15	14.7
REYNOLDS	8	0	8	2	1	11	11.1
RIPLEY	17	1	18	4	1	23	14.4
WAYNE	13	4	17	8	0	25	15.1
REGION TOTAL	257	39	296	65	7	368	40.0
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	1,755	530	2,285	422	80	2,787	25.8
HSA 2 CENTRAL MISSOURI	2,311	691	3,002	639	82	3,723	26.9
HSA 3 EAST-WEST GATEWAY	2,742	961	3,703	672	128	4,503	20.7
HSA 4 SOUTHWEST MISSOURI	1,241	339	1,580	367	49	1,996	25.8
HSA 5 SOUTHEAST MISSOURI	1,106	227	1,333	287	27	1,647	26.0
METROPOLITAN TOTAL	6,131	1,988	8,119	1,543	273	9,935	23.7
NONMETROPOLITAN TOTAL	3,024	760	3,784	844	93	4,721	25.3
STATE TOTAL	9,155	2,748	11,903	2,387	366	14,656	24.2
PERCENT OF STATE TOTAL	62.5	18.8	81.2	16.3	2.5	100.0	

TABLE 48. ACTIVE LICENSED PRACTICAL NURSES BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 25	25-34	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS							
EAST-WEST GATEWAY	293	1,137	856	741	514	158	3,703
MID-AMERICA	217	741	572	411	250	88	2,285
SOUTHWEST MISSOURI	99	254	202	188	136	37	919
MID-MISSOURI	188	357	167	115	67	38	933
MO-KAN	34	117	38	46	31	13	279
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI	15	43	26	24	12	5	125
GREEN HILLS	22	60	36	48	39	21	226
MISSOURI VALLEY	19	41	21	18	11	6	116
NORTHEAST MISSOURI	22	55	23	29	18	9	156
MARK TWAIN	61	129	85	51	38	15	380
BOONSLICK	10	17	16	14	5	4	66
OZARK GATEWAY	65	138	100	86	79	26	495
KAYSINGER BASIN	46	81	63	47	46	25	313
SHOW-ME	36	88	53	33	20	8	238
SOUTH CENTRAL OZARK	19	53	38	28	22	5	166
MERAMEC	31	71	38	29	11	5	185
LAKE OF THE OZARKS	27	61	33	27	13	9	170
SOUTHEAST MISSOURI	56	115	95	70	65	18	419
BOOTHEEL	32	133	108	85	54	20	433
OZARK FOOTHILLS	28	86	63	59	44	15	296
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	217	741	572	411	250	88	2,285
HSA 2 CENTRAL MISSOURI	480	1,049	566	452	300	153	3,002
HSA 3 EAST-WEST GATEWAY	293	1,137	856	741	514	158	3,703
HSA 4 SOUTHWEST MISSOURI	133	445	340	302	237	68	1,580
HSA 5 SOUTHEAST MISSOURI	147	405	304	243	174	58	1,333
METROPOLITAN TOTAL	831	2,606	1,835	1,501	998	334	8,119
NONMETROPOLITAN TOTAL	439	1,171	803	648	477	191	3,784
STATE TOTAL	1,320	3,777	2,638	2,149	1,475	525	11,903
PERCENT OF STATE TOTAL	11.1	31.7	22.2	18.1	12.4	4.4	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 49. ACTIVE LICENSED PRACTICAL NURSES BY RACE: MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	9,247	77.7
BLACK	2,447	20.6
AMERICAN INDIAN	35	0.3
ORIENTAL/ASIAN	30	0.3
OTHER	8	0.1
NOT STATED	136	1.1
TOTAL	11,903	100.0

TABLE 50. ACTIVE LICENSED PRACTICAL NURSES BY SEX: MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	306	2.6
FEMALE	11,563	97.1
NOT STATED	34	0.3
TOTAL	11,903	100.0

TABLE 51. ACTIVE LICENSED PRACTICAL NURSES BY CLINICAL PRACTICE AREA: MISSOURI 1980

CLINICAL PRACTICE AREA	NUMBER	PERCENT
MEDICAL/SURGICAL	4,943	41.5
GERIATRIC	2,353	19.8
GENERAL PRACTICE	1,612	13.5
OBSTETRIC/GYNECOLOGIC	785	6.6
PRIVATE DUTY	573	4.8
PSYCHIATRIC/MENTAL HEALTH	545	4.6
PEDIATRIC	507	4.3
COMMUNITY/PUBLIC HEALTH	398	3.3
OTHER	105	0.9
NOT STATED	82	0.7
TOTAL	11,903	100.0

TABLE 52. ACTIVE LICENSED PRACTICAL NURSES BY FIELD OR PLACE OF EMPLOYMENT: MISSOURI 1980

FIELD OR PLACE OF EMPLOYMENT	NUMBER	PERCENT
HOSPITAL	7,609	63.9
NURSING HOME	2,123	17.8
OFFICE NURSE	836	7.0
PRIVATE DUTY	624	5.2
COMMUNITY HEALTH	429	3.6
OTHER	218	1.8
NOT STATED	64	0.5
TOTAL	11,903	100.0

TABLE 53. LICENSED PRACTICAL NURSES BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
ST. LOUIS AREA	2,579	21.7
KANSAS CITY AREA	1,920	16.1
OTHER MISSOURI SCHOOLS	5,017	42.1
STATES ADJACENT TO MISSOURI		
ARKANSAS	122	1.0
ILLINOIS	393	3.3
IOWA	104	0.9
KANSAS	275	2.3
KENTUCKY	9	0.1
NEBRASKA	35	0.3
OKLAHOMA	33	0.3
TENNESSEE	40	0.3
OTHER STATES AND CANADA	733	6.2
FOREIGN	22	0.2
NOT STATED	621	5.2
TOTAL	11,903	100.0

TABLE 54. ACTIVE LICENSED PRACTICAL NURSES BY HIGHEST DEGREE HELD: MISSOURI 1980

HIGHEST DEGREE HELD	NUMBER	PERCENT
HIGH SCHOOL DIPLOMA OR EQUIVALENT	10,356	87.0
LESS THAN HIGH SCHOOL DIPLOMA	769	6.5
ASSOCIATE DEGREE	492	4.1
BACCALAUREATE OR HIGHER	142	1.2
NOT STATED	144	1.2
TOTAL	11,903	100.0

OPTOMETRISTS

In 1980, 456 optometrists actively practiced in Missouri (Table 55). This is a net increase of 38 professionals since 1976, and maintains the Missouri rate of 0.9 optometrists per 10,000 residents. This is very close to the available U.S. rate (1.0/10,000).

Two-thirds of Missouri's optometrists are located in metropolitan regions of the state. Note, however, that the rate per 10,000 residents is actually higher in nonmetropolitan regions.

Among regions, the rates range from a high of 1.6 in the Kaysinger Basin RPC to a low of 0.6 in the Northeast Missouri and South Central Ozark RPCs. One metropolitan area--East-West Gateway--is well below the state average, due mainly to the high concentration of ophthalmologists in this area.

Potential replacement needs can be forecast in terms of younger versus older age groups. Currently, 45 percent of Missouri's active optometrists are 55 and over, while only 36 percent are under 45 (Table 56). Even though the under 45 age group has increased by 4 percent in the last two years, the number over 55 appears to indicate an even greater number of young optometrists will be needed in the future years.

Most optometrists are male (97 percent) and white (98 percent) (Tables 57, 58). Nine out of every ten maintain a general practice in a private office setting (Tables 59, 60). Only 16 percent are salaried by corporations or other professionals; most are self-employed (Table 61).

Optometrists tend to establish their practice near their school of graduation. Illinois (46 percent) and Tennessee (37 percent) are the major suppliers of the Missouri total (Table 62). Currently, no optometry schools are operating in Missouri.

TABLE 55. LICENSED OPTOMETRISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	5	1	6	0	0	6	0.8
JEFFERSON	7	0	7	0	0	7	0.5
ST CHARLES	6	0	6	1	0	7	0.4
ST LOUIS CNTY	84	4	88	8	4	100	0.9
ST LOUIS CITY	31	3	34	3	0	37	0.8
REGION TOTAL	133	8	141	12	4	157	0.8
MID-AMERICA							
CASS	4	0	4	0	0	4	0.8
CLAY	12	1	13	1	1	15	1.0
JACKSON	60	3	63	4	7	74	1.0
PLATTE	3	0	3	0	0	3	0.6
RAY	1	0	1	0	0	1	0.5
REGION TOTAL	80	4	84	5	8	97	0.9
SOUTHWEST MISSOURI							
BARRY	3	1	4	0	0	4	1.6
CHRISTIAN	0	0	0	0	0	0	0.0
DADE	0	0	0	0	0	0	0.0
DALLAS	1	0	1	0	0	1	0.8
GREENE	17	2	19	0	2	21	1.0
LAWRENCE	3	0	3	0	1	4	1.0
POLK	1	0	1	0	0	1	0.5
STONE	2	0	2	0	0	2	1.3
TANEY	2	0	2	0	1	3	1.0
WEBSTER	1	0	1	0	0	1	0.5
REGION TOTAL	30	3	33	0	4	37	0.9
MID-MISSOURI							
AUDRAIN	6	0	6	0	0	6	2.3
BOONE	7	0	7	0	1	8	0.7
CALLAWAY	2	1	3	0	0	3	0.9
COLE	5	0	5	1	0	6	0.9
COOPER	2	1	3	0	0	3	2.0
HOWARD	0	1	1	0	0	1	1.0
MONITEAU	1	0	1	0	0	1	0.8
OSAGE	0	0	0	0	0	0	0.0
REGION TOTAL	23	3	26	1	1	28	1.0
MO-KAN							
ANDREW	1	0	1	0	0	1	0.7
BUCHANAN	11	0	11	1	0	12	1.3
CLINTON	2	0	2	0	0	2	1.3
DEKALB	0	0	0	0	0	0	0.0
REGION TOTAL	14	0	14	1	0	15	1.1

TABLE 55. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	1	0	1	0	0	1	1.2
GENTRY	1	0	1	0	0	1	1.3
HOLT	0	0	0	0	0	0	0.0
NODAWAY	4	0	4	0	0	4	1.8
WORTH	0	0	0	0	0	0	0.0
REGION TOTAL	6	0	6	0	0	6	1.2
GREEN HILLS							
CALDWELL	0	0	0	0	0	0	0.0
DAVIESS	0	0	0	0	0	0	0.0
GRUNDY	3	0	3	0	0	3	2.5
HARRISON	1	0	1	0	0	1	1.0
LINN	2	0	2	0	0	2	1.3
LIVINGSTON	3	1	4	0	0	4	2.5
MERCER	0	0	0	0	0	0	0.0
PUTNAM	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0.0
REGION TOTAL	9	1	10	0	0	10	1.1
MISSOURI VALLEY							
CARROLL	1	0	1	0	0	1	0.8
CHARITON	0	0	0	0	0	0	0.0
SALINE	5	0	5	0	0	5	2.0
REGION TOTAL	6	0	6	0	0	6	1.3
NORTHEAST MISSOURI							
ADAIR	3	0	3	0	0	3	1.2
CLARK	0	0	0	0	0	0	0.0
KNOX	0	0	0	0	0	0	0.0
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	0	0	0	0	0	0	0.0
REGION TOTAL	3	0	3	0	0	3	0.6
MARK TWAIN							
LEWIS	0	0	0	0	0	0	0.0
MACON	3	0	3	0	0	3	1.8
MARION	3	0	3	0	0	3	1.0
MONROE	0	0	0	0	0	0	0.0
PIKE	1	0	1	0	0	1	0.6
RALLS	0	0	0	0	0	0	0.0
RANDOLPH	4	0	4	0	0	4	1.6
SHELBY	0	0	0	0	0	0	0.0
REGION TOTAL	11	0	11	0	0	11	0.9

TABLE 55. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	1	2	3	1	0	4	1.4
MONTGOMERY	1	0	1	1	0	2	0.9
WARREN	0	0	0	0	0	0	0.0
REGION TOTAL	2	2	4	2	0	6	0.8
OZARK GATEWAY							
BARTON	1	0	1	0	0	1	0.9
JASPER	14	0	14	3	0	17	1.6
MCDONALD	1	0	1	0	0	1	0.7
NEWTON	4	0	4	0	0	4	1.0
REGION TOTAL	20	0	20	3	0	23	1.3
KAYSINGER BASIN							
BATES	2	0	2	0	0	2	1.3
BENTON	1	0	1	0	0	1	0.8
CEDAR	4	0	4	0	0	4	3.4
HENRY	4	1	5	0	0	5	2.5
HICKORY	0	0	0	0	0	0	0.0
ST CLAIR	0	0	0	1	0	1	0.0
VERNON	3	0	3	0	0	3	1.5
REGION TOTAL	14	1	15	1	0	16	1.6
SHOW-ME							
JOHNSON	3	1	4	0	0	4	1.0
LAFAYETTE	3	1	4	0	0	4	1.3
PETTIS	5	0	5	0	0	5	1.4
REGION TOTAL	11	2	13	0	0	13	1.2
SOUTH CENTRAL OZARK							
DOUGLAS	0	0	0	0	0	0	0.0
HOWELL	3	0	3	0	0	3	1.0
OREGON	1	0	1	1	0	2	1.0
OZARK	0	0	0	0	0	0	0.0
SHANNON	0	0	0	0	0	0	0.0
TEXAS	2	0	2	0	0	2	0.9
WRIGHT	0	0	0	0	0	0	0.0
REGION TOTAL	6	0	6	1	0	7	0.6
MERAMEC							
CRAWFORD	0	0	0	0	0	0	0.0
DENT	2	0	2	0	0	2	1.4
GASCONADE	3	0	3	0	0	3	2.3
MARIES	2	0	2	0	0	2	2.6
PHELPS	3	0	3	0	0	3	0.9
WASHINGTON	1	0	1	0	0	1	0.6
REGION TOTAL	11	0	11	0	0	11	1.0

TABLE 55. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	3	0	3	1	0	4	1.5
LACLEDE	3	0	3	0	0	3	1.2
MILLER	2	0	2	1	0	3	1.1
MORGAN	1	1	2	0	0	2	1.4
PULASKI	1	0	1	0	0	1	0.2
REGION TOTAL	10	1	11	2	0	13	0.9
SOUTHEAST MISSOURI							
BOLLINGER	0	0	0	0	0	0	0.0
CAPE GIRARDEAU	7	0	7	0	1	8	1.2
IRON	0	0	0	0	0	0	0.0
MADISON	2	0	2	0	0	2	1.9
PERRY	2	0	2	0	0	2	1.2
ST FRANCOIS	4	0	4	0	0	4	0.9
STE GENEVIEVE	2	0	2	0	0	2	1.3
REGION TOTAL	17	0	17	0	1	18	1.0
BOOTHEEL							
DUNKLIN	5	0	5	0	0	5	1.4
MISSISSIPPI	1	0	1	0	0	1	0.6
NEW MADRID	1	0	1	0	0	1	0.4
PEMISCOT	2	0	2	0	0	2	0.8
SCOTT	3	1	4	0	0	4	1.0
STODDARD	2	0	2	0	0	2	0.7
REGION TOTAL	14	1	15	0	0	15	0.9
OZARK FOOTHILLS							
BUTLER	8	1	9	0	0	9	2.4
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	0	0	0	0	0	0	0.0
RIPLEY	1	0	1	0	0	1	0.8
WAYNE	0	0	0	0	0	0	0.0
REGION TOTAL	9	1	10	0	0	10	1.3
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	80	4	84	5	8	97	0.9
HSA 2 CENTRAL MISSOURI	109	10	119	7	1	127	1.1
HSA 3 EAST-WEST GATEWAY	133	8	141	12	4	157	0.8
HSA 4 SOUTHWEST MISSOURI	56	3	59	4	4	67	1.0
HSA 5 SOUTHEAST MISSOURI	51	2	53	0	1	54	1.0
METROPOLITAN TOTAL	280	18	298	19	17	334	0.9
NONMETROPOLITAN TOTAL	149	9	158	9	1	168	1.1
STATE TOTAL	429	27	456	28	18	502	0.9
PERCENT OF STATE TOTAL	85.5	5.4	90.8	5.6	3.6	100.0	

TABLE 56. ACTIVE OPTOMETRISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	30	16	31	47	17	141
MID-AMERICA	26	9	14	28	7	84
SOUTHWEST MISSOURI	9	2	4	13	5	33
MID-MISSOURI	5	4	5	11	1	26
MO-KAN	1	1	2	9	1	14
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	3	0	1	2	0	6
GREEN HILLS	3	0	1	5	1	10
MISSOURI VALLEY	2	0	1	2	1	6
NORTHEAST MISSOURI	1	0	1	1	0	3
MARK TWAIN	4	1	1	4	1	11
BOONSLICK	1	0	0	1	2	4
OZARK GATEWAY	6	4	5	5	0	20
KAYSINGER BASIN	4	2	3	3	3	15
SHOW-ME	3	2	2	3	3	13
SOUTH CENTRAL OZARK	1	1	1	2	1	6
MERAMEC	5	2	0	4	0	11
LAKE OF THE OZARKS	2	1	3	5	0	11
SOUTHEAST MISSOURI	6	2	1	7	1	17
BOOTHEEL	2	4	4	5	0	15
OZARK FOOTHILLS	1	0	3	5	1	10
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	26	9	14	28	7	84
HSA 2 CENTRAL MISSOURI	29	11	20	46	13	119
HSA 3 EAST-WEST GATEWAY	30	16	31	47	17	141
HSA 4 SOUTHWEST MISSOURI	16	7	10	20	6	59
HSA 5 SOUTHEAST MISSOURI	14	8	8	21	2	53
METROPOLITAN TOTAL	71	32	56	108	31	298
NONMETROPOLITAN TOTAL	44	19	27	54	14	158
STATE TOTAL	115	51	83	162	45	456
PERCENT OF STATE TOTAL	25.2	11.2	18.2	35.5	9.9	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 57. ACTIVE OPTOMETRISTS
BY RACE:
MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	448	98.2
BLACK	4	0.9
AMERICAN INDIAN	0	0.0
ORIENTAL/ASIAN	2	0.4
OTHER	0	0.0
NOT STATED	2	0.4
TOTAL	456	100.0

TABLE 58. ACTIVE OPTOMETRISTS
BY SEX:
MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	442	96.9
FEMALE	14	3.1
NOT STATED	0	0.0
TOTAL	456	100.0

TABLE 59. ACTIVE OPTOMETRISTS BY PRIMARY SPECIALTY: MISSOURI 1980

SPECIALTY	NUMBER	PERCENT
GENERAL PRACTICE	425	93.2
CONTACT LENSES	21	4.6
OTHER	9	2.0
NOT STATED	1	0.2
TOTAL	456	100.0

TABLE 60. ACTIVE OPTOMETRISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
PRACTITIONER'S OFFICE	417	91.4
OPTOMETRIC CENTER/CLINIC	24	5.3
OTHER	13	2.9
NOT STATED	2	0.4
TOTAL	456	100.0

TABLE 61. ACTIVE OPTOMETRISTS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1980

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	256	56.1
PARTNERSHIP PRACTICE	76	16.7
GROUP PRACTICE	31	6.8
NONGOVERNMENTAL EMPLOYER		
PROFESSIONAL CORPORATION	34	7.5
GENERAL CORPORATION	29	6.4
OTHER OPTOMETRISTS	6	1.3
OPHTHALMOLOGISTS	4	0.9
OTHER	17	3.7
NOT STATED	3	0.7
TOTAL	456	100.0

TABLE 62. ACTIVE OPTOMETRISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
NO SCHOOLS PRESENTLY OPERATING	12	2.6
STATES ADJACENT TO MISSOURI		
ILLINOIS	210	46.1
TENNESSEE	168	36.8
OTHER STATES AND CANADA	53	11.6
NOT STATED	13	2.9
TOTAL	456	100.0

PHARMACISTS

There are 3,123 pharmacists working in Missouri (Table 63). This total represents a net increase of 433 professionals since 1976. The rate per 10,000 residents has similarly increased, from 5.6 to 6.4. The new rate is now above the available U.S. rate of 5.7/10,000, probably due to the presence of two pharmacy schools in Missouri.

Among regional planning areas in the state, the rate per 10,000 residents ranges from a high of 7.5 in Mid-America to a low of 2.3 in Boonslick. Since 1976, the rates have dropped in seven of the nonmetropolitan regions (Northwest Missouri, Missouri Valley, Mark Twain, Boonslick, South Central Ozark, Meramec and Bootheel), even though the state rate for nonmetropolitan pharmacists has risen slightly from 4.6 to 4.8.

Missouri has a large supply of younger pharmacists to ensure that future replacement needs are met. Approximately 2 out of every 3 pharmacists are under 45 years of age (Table 64).

Most pharmacists are white (95 percent) and male (83 percent) (Tables 65, 66). The number of women in the profession is, however, steadily increasing and has more than doubled since 1974.

About 39 percent of Missouri's pharmacists are located in independent community pharmacies (Table 67). An additional 29 percent are located in pharmacy chains. Of those remaining, all but 4 percent work in hospitals, clinics, nursing homes, etc. A majority of Missouri's pharmacists are employed in staff (41 percent) or managerial (33 percent) positions (Table 68). Self-employment is reported by another 23 percent of the total.

Seven out of every ten Missouri pharmacists have graduated from in-state schools (Table 69). Adjacent states have contributed another 12 percent of the total.

TABLE 63. LICENSED PHARMACISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10,000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	33	5	38	5	0	43	5.3
JEFFERSON	40	8	48	6	0	54	3.3
ST CHARLES	62	12	74	6	0	80	5.2
ST LOUIS CNTY	647	92	739	172	9	920	7.6
ST LOUIS CITY	354	50	404	63	2	469	8.9
REGION TOTAL	1,136	167	1,303	252	11	1,566	7.3
MID-AMERICA							
CASS	16	3	19	4	0	23	3.7
CLAY	72	16	88	18	1	107	6.4
JACKSON	455	73	528	92	4	624	8.4
PLATTE	12	7	19	2	0	21	4.1
RAY	6	0	6	4	0	10	2.8
REGION TOTAL	561	99	660	120	5	785	7.5
SOUTHWEST MISSOURI							
BARRY	9	5	14	3	0	17	5.7
CHRISTIAN	3	0	3	0	0	3	1.3
DADE	2	0	2	0	0	2	2.7
DALLAS	2	1	3	0	0	3	2.5
GREENE	111	15	126	11	0	137	6.8
LAWRENCE	12	1	13	2	0	15	4.5
POLK	8	1	9	3	0	12	4.8
STONE	3	0	3	2	0	5	1.9
TANEY	15	4	19	4	0	23	9.3
WEBSTER	5	1	6	2	0	8	2.9
REGION TOTAL	170	28	198	27	0	225	5.6
MID-MISSOURI							
AUDRAIN	17	1	18	1	0	19	6.8
BOONE	71	4	75	6	0	81	7.5
CALLAWAY	8	1	9	1	1	11	2.8
COLE	42	2	44	11	0	55	7.8
COOPER	4	6	10	3	0	13	6.8
HOWARD	4	2	6	0	0	6	6.0
MONITEAU	6	0	6	0	0	6	5.0
OSAGE	0	0	0	0	0	0	0.0
REGION TOTAL	152	16	168	22	1	191	6.4
MO-KAN							
ANDREW	3	0	3	2	0	5	2.1
BUCHANAN	59	7	66	11	0	77	7.5
CLINTON	8	1	9	3	0	12	5.7
DEKALB	1	0	1	1	0	2	1.2
REGION TOTAL	71	8	79	17	0	96	6.3

TABLE 63. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	4	3	7	0	0	7	8.1
GENTRY	3	0	3	3	0	6	3.8
HOLT	2	0	2	0	0	2	2.9
NODAWAY	7	2	9	3	0	12	4.1
WORTH	1	0	1	0	0	1	3.3
REGION TOTAL	17	5	22	6	0	28	4.5
GREEN HILLS							
CALDWELL	2	0	2	0	0	2	2.3
DAVIESS	4	0	4	2	0	6	4.5
GRUNDY	10	2	12	2	0	14	10.0
HARRISON	2	0	2	2	0	4	2.0
LINN	10	3	13	3	0	16	8.4
LIVINGSTON	8	0	8	2	0	10	5.1
MERCER	2	0	2	1	0	3	4.3
PUTNAM	2	0	2	1	0	3	3.3
SULLIVAN	1	0	1	1	0	2	1.3
REGION TOTAL	41	5	46	14	0	60	5.2
MISSOURI VALLEY							
CARROLL	3	2	5	4	0	9	4.1
CHARITON	3	0	3	1	0	4	2.9
SALINE	17	3	20	5	0	25	8.0
REGION TOTAL	23	5	28	10	0	38	5.9
NORTHEAST MISSOURI							
ADAIR	9	2	11	0	0	11	4.4
CLARK	1	1	2	0	0	2	2.4
KNOX	3	0	3	0	0	3	5.4
SCHUYLER	1	0	1	0	0	1	2.0
SCOTLAND	2	0	2	0	0	2	3.7
REGION TOTAL	16	3	19	0	0	19	3.9
MARK TWAIN							
LEWIS	1	0	1	0	0	1	0.9
MACON	5	3	8	0	0	8	4.9
MARION	16	3	19	3	0	22	6.6
MONROE	4	1	5	0	0	5	5.1
PIKE	9	0	9	3	0	12	5.1
RALLS	1	0	1	0	0	1	1.1
RANDOLPH	9	0	9	3	0	12	3.5
SHELBY	1	0	1	3	0	4	1.3
REGION TOTAL	46	7	53	12	0	65	4.2

TABLE 63. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	6	1	7	0	0	7	3.2
MONTGOMERY	2	0	2	0	0	2	1.7
WARREN	2	0	2	1	0	3	1.3
REGION TOTAL	10	1	11	1	0	12	2.3
OZARK GATEWAY							
BARTON	3	0	3	1	0	4	2.7
JASPER	56	11	67	10	0	77	7.7
MCDONALD	5	0	5	1	0	6	3.4
NEWTON	14	3	17	3	1	21	4.2
REGION TOTAL	78	14	92	15	1	108	6.0
KAYSINGER BASIN							
BATES	8	1	9	2	0	11	5.7
BENTON	3	2	5	2	0	7	4.1
CEDAR	5	1	6	0	0	6	5.0
HENRY	15	1	16	6	0	22	8.1
HICKORY	0	0	0	0	0	0	0.0
ST CLAIR	2	0	2	1	0	3	2.3
VERNON	8	3	11	1	0	12	5.6
REGION TOTAL	41	8	49	12	0	61	5.2
SHOW-ME							
JOHNSON	13	1	14	2	0	16	3.6
LAFAYETTE	16	3	19	1	0	20	6.3
PETTIS	20	3	23	3	0	26	6.3
REGION TOTAL	49	7	56	6	0	62	5.3
SOUTH CENTRAL OZARK							
DOUGLAS	3	0	3	0	0	3	2.6
HOWELL	14	3	17	2	0	19	5.9
OREGON	2	1	3	1	0	4	2.9
OZARK	2	0	2	0	0	2	2.5
SHANNON	0	0	0	0	0	0	0.0
TEXAS	8	2	10	0	0	10	4.7
WRIGHT	5	0	5	1	0	6	3.1
REGION TOTAL	34	6	40	4	0	44	3.9
MERAMEC							
CRAWFORD	4	2	6	1	0	7	3.3
DENT	2	0	2	2	0	4	1.4
GASCONADE	2	0	2	2	0	4	1.5
MARIES	0	0	0	0	0	0	0.0
PHELPS	14	1	15	2	0	17	4.5
WASHINGTON	6	0	6	0	0	6	3.3
REGION TOTAL	28	3	31	7	0	38	2.9

TABLE 63. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	6	3	9	2	0	11	4.5
LACLEDE	9	2	11	2	0	13	4.5
MILLER	2	1	3	1	0	4	1.6
MORGAN	3	1	4	0	0	4	2.9
PULASKI	9	0	9	2	0	11	2.1
REGION TOTAL	29	7	36	7	0	43	3.0
SOUTHEAST MISSOURI							
BOLLINGER	3	1	4	0	0	4	3.9
CAPE GIRARDEAU	48	3	51	11	0	62	8.7
IRON	6	0	6	0	0	6	5.4
MADISON	4	0	4	1	0	5	3.7
PERRY	4	3	7	0	0	7	4.2
ST FRANCOIS	26	2	28	8	0	36	6.6
STE GENEVIEVE	3	2	5	0	0	5	3.3
REGION TOTAL	94	11	105	20	0	125	6.3
BOOTHEEL							
DUNKLIN	18	1	19	0	0	19	5.2
MISSISSIPPI	8	3	11	3	0	14	7.0
NEW MADRID	7	2	9	2	0	11	3.9
PEMISCOT	8	3	11	4	0	15	4.4
SCOTT	17	4	21	2	0	23	5.3
STODDARD	12	2	14	0	0	14	4.8
REGION TOTAL	70	15	85	11	0	96	5.0
OZARK FOOTHILLS							
BUTLER	30	1	31	4	0	35	8.2
CARTER	2	0	2	0	0	2	3.7
REYNOLDS	2	0	2	0	0	2	2.8
RIPLEY	2	0	2	0	0	2	1.6
WAYNE	5	0	5	0	0	5	4.4
REGION TOTAL	41	1	42	4	0	46	5.7
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	561	99	660	120	5	785	7.5
HSA 2 CENTRAL MISSOURI	495	72	567	107	1	675	5.1
HSA 3 EAST-WEST GATEWAY	1,136	167	1,303	252	11	1,566	7.3
HSA 4 SOUTHWEST MISSOURI	282	48	330	46	1	377	5.4
HSA 5 SOUTHEAST MISSOURI	233	30	263	42	0	305	5.1
METROPOLITAN TOTAL	2,090	318	2,408	438	17	2,863	7.0
NONMETROPOLITAN TOTAL	617	98	715	129	1	845	4.8
STATE TOTAL	2,707	416	3,123	567	18	3,708	6.4
PERCENT OF STATE TOTAL	73.0	11.2	84.2	15.3	0.5	100.0	

TABLE 64. ACTIVE PHARMACISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	563	223	227	143	143	1,303
MID-AMERICA	343	126	80	65	44	660
SOUTHWEST MISSOURI	89	33	26	27	22	198
MID-MISSOURI	95	28	18	17	10	168
MO-KAN	33	13	13	9	11	79
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	9	4	3	2	4	22
GREEN HILLS	23	6	5	5	7	46
MISSOURI VALLEY	8	4	4	7	5	28
NORTHEAST MISSOURI	8	6	1	1	3	19
MARK TWAIN	17	12	8	5	11	53
BOONSLICK	4	1	4	0	2	11
OZARK GATEWAY	39	13	16	8	16	92
KAYSINGER BASIN	16	12	7	5	9	49
SHOW-ME	20	11	11	7	7	56
SOUTH CENTRAL OZARK	16	7	10	2	5	40
MERAMEC	14	6	4	4	3	31
LAKE OF THE OZARKS	12	4	5	7	8	36
SOUTHEAST MISSOURI	49	18	15	11	12	105
BOOTHEEL	30	20	13	5	17	85
OZARK FOOTHILLS	25	6	6	2	3	42
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	343	126	80	65	44	660
HSA 2 CENTRAL MISSOURI	245	101	79	65	77	567
HSA 3 EAST-WEST GATEWAY	563	223	227	143	143	1,303
HSA 4 SOUTHWEST MISSOURI	144	53	52	37	43	330
HSA 5 SOUTHEAST MISSOURI	118	50	38	22	35	263
METROPOLITAN TOTAL	1,123	423	364	261	230	2,408
NONMETROPOLITAN TOTAL	290	130	112	71	112	715
STATE TOTAL	1,413	553	476	332	342	3,123
PERCENT OF STATE TOTAL	45.2	17.7	15.2	10.6	11.0	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 65. ACTIVE PHARMACISTS
BY RACE:
MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	2,975	95.3
BLACK	80	2.6
AMERICAN INDIAN	2	0.1
ORIENTAL/ASIAN	22	0.7
OTHER	3	0.1
NOT STATED	41	1.3
TOTAL	3,123	100.0

TABLE 66. ACTIVE PHARMACISTS
BY SEX:
MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	2,616	83.8
FEMALE	504	16.1
NOT STATED	3	0.1
TOTAL	3,123	100.0

TABLE 67. ACTIVE PHARMACISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
INDEPENDENT COMMUNITY PHARMACY (1 OUTLET)	1,215	38.9
LARGE CHAIN COMMUNITY PHARMACY (12+ OUTLETS)	491	15.7
PRIVATE HOSPITAL	558	17.9
SMALL CHAIN COMMUNITY PHARMACY (2-11 OUTLETS)	414	13.3
GOVERNMENTAL HOSPITAL	192	6.1
CLINIC OR MEDICAL BUILDING PHARMACY	90	2.9
PHARMACEUTICAL MANUFACTURER	68	2.2
COLLEGE OF PHARMACY	31	1.0
PHARMACEUTICAL WHOLESALER	14	0.4
NURSING HOME	17	0.5
OTHER GOVERNMENT	11	0.4
OTHER	10	0.3
NOT STATED	12	0.4
TOTAL	3,123	100.0

TABLE 68. ACTIVE PHARMACISTS BY PRIMARY EMPLOYMENT STATUS: MISSOURI 1980

EMPLOYMENT STATUS	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO OWNER-MANAGER	476	15.2
PARTNER	242	7.7
EMPLOYED AS		
STAFF PHARMACIST	1,293	41.4
MANAGER	731	23.4
ASSISTANT MANAGER	289	9.3
OTHER	73	2.3
NOT STATED	19	0.6
TOTAL	3,123	100.0

TABLE 69. ACTIVE PHARMACISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
ST. LOUIS COLLEGE OF PHARMACY	1,271	40.7
UNIVERSITY OF MISSOURI-KANSAS CITY	794	25.4
OTHER MISSOURI SCHOOLS	123	3.9
STATES ADJACENT TO MISSOURI		
KANSAS	112	3.6
NEBRASKA	62	2.0
IOWA	68	2.2
OKLAHOMA	67	2.1
TENNESSEE	38	1.2
ARKANSAS	16	0.5
ILLINOIS	13	0.4
KENTUCKY	7	0.2
OTHER STATES AND CANADA	285	9.1
FOREIGN	4	0.1
NOT STATED	263	8.4
TOTAL	3,123	100.0

PHYSICAL THERAPISTS

Professional physical therapists (PPTs) are among the few types of non-doctoral health professionals who can practice independently. Physicians refer patients to physical therapists for restorative treatment. The physical therapists then evaluate these patients and determine the necessary therapy programs. All physical therapy curriculums require a bachelor's degree as a prerequisite.

There are currently 761 physical therapists practicing in Missouri (Table 70). This amounts to an increase of 264 (53 percent) since 1976 which makes this profession one of the most rapidly expanding in the state. The rate of physical therapists per 10,000 residents shows a corresponding increase from 1.3 to 1.5.

Physical therapy is a predominantly urban profession. Eighty-six percent of the state total practice in metropolitan regions. Note, however, that all regions of the state have at least one physical therapist, but because 60 percent of all active PPTs work in hospital settings (Table 74), many locate near large, urban hositals which maintain physical therapy departments. Other employment settings include patients' homes (9 percent), nursing homes (8 percent), centers for the handicapped or disabled (7 percent), and freestanding clinics (4 percent).

Physical therapists are generally very young; 86 percent are under 45 years of age (Table 71). In addition, most PPTs are female (80 percent) and white (94 percent) (Tables 72, 73).

Table 75 indicates that the majority of physical therapists are employed by hospitals, physicians, schools, etc. (75 percent). Governmental employers utilize another 12 percent. Less than 9 percent are self-employed.

Missouri has three schools of physical therapy--two are located in St. Louis and one in Columbia. Together, these schools have educated 59 percent of the state total (Table 76). Graduates from Kansas schools comprise another 19 percent.

TABLE 70. LICENSED PHYSICAL THERAPISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			NOT ACTIVITY NOT STATED		LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	3	2	5	0	0	5	0.7
JEFFERSON	4	0	4	1	0	5	0.3
ST CHARLES	9	3	12	4	0	16	0.8
ST LOUIS CNTY	138	36	174	48	7	229	1.8
ST LOUIS CITY	138	40	178	15	4	197	3.9
REGION TOTAL	292	81	373	68	11	452	2.1
MID-AMERICA							
CASS	0	0	0	0	0	0	0.0
CLAY	11	2	13	3	0	16	1.0
JACKSON	111	42	153	14	2	169	2.4
PLATTE	1	1	2	0	0	2	0.4
RAY	1	0	1	0	0	1	0.5
REGION TOTAL	124	45	169	17	2	188	1.9
SOUTHWEST MISSOURI							
BARRY	1	0	1	0	0	1	0.4
CHRISTIAN	0	0	0	0	0	0	0.0
DADE	0	1	1	0	0	1	1.4
DALLAS	0	0	0	0	0	0	0.0
GREENE	24	4	28	3	0	31	1.5
LAWRENCE	1	0	1	1	1	3	0.3
POLK	1	1	2	0	1	3	1.1
STONE	0	0	0	0	0	0	0.0
TANEY	1	0	1	0	0	1	0.5
WEBSTER	0	0	0	0	0	0	0.0
REGION TOTAL	28	6	34	4	2	40	1.0
MID-MISSOURI							
AUDRAIN	2	2	4	0	0	4	1.5
BOONE	42	2	44	4	3	51	4.4
CALLAWAY	1	0	1	0	0	1	0.3
COLE	7	4	11	3	1	15	1.9
COOPER	2	0	2	0	0	2	1.4
HOWARD	0	0	0	0	0	0	0.0
MONITEAU	0	0	0	0	0	0	0.0
OSAGE	1	0	1	0	0	1	0.8
REGION TOTAL	55	8	63	7	4	74	2.4
MO-KAN							
ANDREW	0	0	0	0	0	0	0.0
BUCHANAN	14	2	16	0	0	16	1.8
CLINTON	0	0	0	0	0	0	0.0
DEKALB	0	1	1	0	0	1	1.2
REGION TOTAL	14	3	17	0	0	17	1.3

TABLE 70. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE FULL TIME	ACTIVE PART TIME	ACTIVE TOTAL	ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	1	0	1	0	0	1	1.2
GENTRY	2	0	2	0	0	2	2.5
HOLT	0	0	0	0	0	0	0.0
NODAWAY	4	1	5	0	0	5	2.3
WORTH	0	0	0	0	0	0	0.0
REGION TOTAL	7	1	8	0	0	8	1.7
GREEN HILLS							
CALDWELL	0	0	0	0	0	0	0.0
DAVIESS	0	0	0	0	0	0	0.0
GRUNDY	1	0	1	0	0	1	0.8
HARRISON	0	0	0	0	0	0	0.0
LINN	1	0	1	0	0	1	0.6
LIVINGSTON	1	0	1	1	0	2	0.6
MERCER	0	0	0	0	0	0	0.0
PUTNAM	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0.0
REGION TOTAL	3	0	3	1	0	4	0.3
MISSOURI VALLEY							
CARROLL	0	0	0	0	0	0	0.0
CHARITON	0	0	0	0	0	0	0.0
SALINE	2	1	3	0	0	3	1.2
REGION TOTAL	2	1	3	0	0	3	0.6
NORTHEAST MISSOURI							
ADAIR	3	2	5	2	0	7	2.0
CLARK	0	0	0	0	0	0	0.0
KNOX	0	0	0	0	0	0	0.0
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	1	0	1	0	0	1	1.8
REGION TOTAL	4	2	6	2	0	8	1.2
MARK TWAIN							
LEWIS	0	0	0	0	0	0	0.0
MACON	1	0	1	0	0	1	0.6
MARION	2	0	2	0	1	3	0.7
MONROE	0	0	0	0	0	0	0.0
PIKE	0	0	0	0	0	0	0.0
RALLS	0	0	0	0	0	0	0.0
RANDOLPH	2	0	2	0	0	2	0.8
SHELBY	0	0	0	0	0	0	0.0
REGION TOTAL	5	0	5	0	1	6	0.4

TABLE 70. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	1	0	1	0	0	1	0.5
MONTGOMERY	0	1	1	0	0	1	0.9
WARREN	0	0	0	0	0	0	0.0
REGION TOTAL	1	1	2	0	0	2	0.4
OZARK GATEWAY							
BARTON	0	0	0	0	0	0	0.0
JASPER	8	0	8	0	0	8	0.9
MCDONALD	0	0	0	0	0	0	0.0
NEWTON	1	0	1	0	0	1	0.2
REGION TOTAL	9	0	9	0	0	9	0.6
KAYSINGER BASIN							
BATES	1	0	1	0	0	1	0.6
BENTON	0	0	0	0	0	0	0.0
CEDAR	1	0	1	0	0	1	0.8
HENRY	2	1	3	0	0	3	1.5
HICKORY	0	0	0	0	0	0	0.0
ST CLAIR	1	0	1	0	0	1	1.2
VERNON	2	0	2	0	0	2	1.0
REGION TOTAL	7	1	8	0	0	8	0.8
SHOW-ME							
JOHNSON	4	3	7	1	0	8	1.8
LAFAYETTE	1	0	1	1	0	2	0.3
PETTIS	2	1	3	0	0	3	0.8
REGION TOTAL	7	4	11	2	0	13	1.0
SOUTH CENTRAL OZARK							
DOUGLAS	0	0	0	0	0	0	0.0
HOWELL	3	1	4	0	0	4	1.4
OREGON	0	0	0	0	0	0	0.0
OZARK	0	0	0	0	0	0	0.0
SHANNON	0	0	0	0	0	0	0.0
TEXAS	0	0	0	0	0	0	0.0
WRIGHT	0	0	0	0	0	0	0.0
REGION TOTAL	3	1	4	0	0	4	0.4
MERAMEC							
CRAWFORD	1	0	1	0	0	1	0.5
DENT	0	0	0	1	0	1	0.0
GASCONADE	0	0	0	0	0	0	0.0
MARIES	0	0	0	0	0	0	0.0
PHELPS	6	0	6	0	2	8	1.8
WASHINGTON	0	0	0	0	0	0	0.0
REGION TOTAL	7	0	7	1	2	10	0.7

TABLE 70. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	3	1	4	0	0	4	2.0
LACLEDE	1	0	1	0	0	1	0.4
MILLER	1	0	1	0	0	1	0.5
MORGAN	0	0	0	0	0	0	0.0
PULASKI	1	0	1	0	0	1	0.2
REGION TOTAL	6	1	7	0	0	7	0.6
SOUTHEAST MISSOURI							
BOLLINGER	0	0	0	0	0	0	0.0
CAPE GIRARDEAU	11	1	12	1	0	13	2.0
IRON	1	0	1	0	0	1	0.9
MADISON	1	0	1	0	0	1	0.9
PERRY	0	0	0	0	0	0	0.0
ST FRANCOIS	4	2	6	2	0	8	1.4
STE GENEVIEVE	2	0	2	0	0	2	1.3
REGION TOTAL	19	3	22	3	0	25	1.3
BOOTHEEL							
DUNKLIN	0	0	0	0	0	0	0.0
MISSISSIPPI	0	0	0	0	0	0	0.0
NEW MADRID	0	0	0	0	0	0	0.0
PEMISCOT	0	0	0	0	1	1	0.0
SCOTT	2	2	4	0	0	4	1.0
STODDARD	0	1	1	0	0	1	0.3
REGION TOTAL	2	3	5	0	1	6	0.3
OZARK FOOTHILLS							
BUTLER	5	0	5	0	0	5	1.3
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	0	0	0	0	0	0	0.0
RIPLEY	0	0	0	0	0	0	0.0
WAYNE	0	0	0	0	0	0	0.0
REGION TOTAL	5	0	5	0	0	5	0.7
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	124	45	169	17	2	188	1.9
HSA 2 CENTRAL MISSOURI	111	22	133	12	5	150	1.2
HSA 3 EAST-WEST GATEWAY	292	81	373	68	11	452	2.1
HSA 4 SOUTHWEST MISSOURI	40	7	47	4	2	53	0.8
HSA 5 SOUTHEAST MISSOURI	33	6	39	4	3	46	0.8
METROPOLITAN TOTAL	513	143	656	96	19	771	1.9
NONMETROPOLITAN TOTAL	87	18	105	9	4	118	0.7
STATE TOTAL	600	161	761	105	23	889	1.5
PERCENT OF STATE TOTAL	67.5	18.1	85.6	11.8	2.6	100.0	

TABLE 71. ACTIVE PHYSICAL THERAPISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	269	62	27	9	2	373
MID-AMERICA	114	28	15	10	1	169
SOUTHWEST MISSOURI	21	6	3	1	1	34
MID-MISSOURI	51	7	3	0	0	63
MO-KAN	12	3	1	0	0	17
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	5	1	1	0	0	8
GREEN HILLS	2	1	0	0	0	3
MISSOURI VALLEY	1	1	0	1	0	3
NORTHEAST MISSOURI	4	0	1	1	0	6
MARK TWAIN	3	1	0	1	0	5
BOONSLICK	1	0	1	0	0	2
OZARK GATEWAY	7	1	0	0	0	9
KAYSINGER BASIN	3	2	2	0	1	8
SHOW-ME	6	4	1	0	0	11
SOUTH CENTRAL OZARK	4	0	0	0	0	4
MERAMEC	4	2	1	0	0	7
LAKE OF THE OZARKS	3	2	2	0	0	7
SOUTHEAST MISSOURI	15	3	3	1	0	22
BOOTHEEL	3	2	0	0	0	5
OZARK FOOTHILLS	1	1	3	0	0	5
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	114	28	15	10	1	169
HSA 2 CENTRAL MISSOURI	91	22	12	3	1	133
HSA 3 EAST-WEST GATEWAY	269	62	27	9	2	373
HSA 4 SOUTHWEST MISSOURI	32	7	3	1	1	47
HSA 5 SOUTHEAST MISSOURI	23	8	7	1	0	39
METROPOLITAN TOTAL	467	106	49	20	4	656
NONMETROPOLITAN TOTAL	62	21	15	4	1	105
STATE TOTAL	529	127	64	24	5	761
PERCENT OF STATE TOTAL	69.5	16.7	8.4	3.2	0.7	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 72. ACTIVE PHYSICAL THERAPISTS BY RACE: MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	713	93.7
BLACK	14	1.8
AMERICAN INDIAN	0	0.0
ORIENTAL/ASIAN	4	0.5
OTHER	0	0.0
NOT STATED	30	3.9
TOTAL	761	100.0

TABLE 73. ACTIVE PHYSICAL THERAPISTS BY SEX: MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	149	19.6
FEMALE	610	80.2
NOT STATED	2	0.3
TOTAL	761	100.0

TABLE 74. ACTIVE PHYSICAL THERAPISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
HOSPITAL	460	60.4
PATIENT'S HOME	68	8.9
NURSING HOME	58	7.6
SCHOOL OR TREATMENT CENTER FOR THE HANDICAPPED OR DISABLED	55	7.2
FREESTANDING CLINIC	28	3.7
PRACTITIONER'S OFFICE	25	3.3
UNIVERSITIES AND COLLEGES	25	3.3
FEDERAL FACILITY	21	2.8
GROUP HEALTH PLAN	4	0.5
OTHER	16	2.1
NOT STATED	1	0.1
TOTAL	761	100.0

TABLE 75. ACTIVE PHYSICAL THERAPISTS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1980

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	50	6.6
PARTNERSHIP OR GROUP PRACTICE	19	2.5
NONGOVERNMENTAL EMPLOYER		
HOSPITAL, SCHOOL, ETC.	465	61.1
INDIVIDUAL PRACTITIONER	55	7.2
GROUP HEALTH PLAN FACILITY	41	5.4
PARTNERSHIP OR GROUP OF PRACTITIONERS	34	4.5
GOVERNMENTAL EMPLOYER		
STATE GOVERNMENT	38	5.0
COUNTY GOVERNMENT	15	2.0
FEDERAL GOVERNMENT	22	2.9
LOCAL GOVERNMENT	17	2.2
OTHER	4	0.5
NOT STATED	1	0.1
TOTAL	761	100.0

TABLE 76. ACTIVE PHYSICAL THERAPISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
ST. LOUIS UNIVERSITY	195	25.6
UNIVERSITY OF MISSOURI-COLUMBIA	188	24.7
WASHINGTON UNIVERSITY	72	9.5
OTHER MISSOURI SCHOOLS	4	0.5
STATES ADJACENT TO MISSOURI		
ARKANSAS	3	0.4
ILLINOIS	15	2.0
IOWA	6	0.8
KANSAS	142	18.7
KENTUCKY	1	0.1
NEBRASKA	3	0.4
OKLAHOMA	5	0.7
TENNESSEE	2	0.3
OTHER STATES AND CANADA	109	14.3
FOREIGN COUNTRY	3	0.4
NOT STATED	13	1.7
TOTAL	761	100.0

PODIATRISTS

From 1976 to 1978, the Missouri supply of podiatrists improved significantly. The number of active practitioners increased from 91 to 117 during this span--a 29 percent expansion. However, from 1978 to 1980 the number of active podiatrists decreased to 115. Therefore, Missouri's rate per 100,000 population decreased from 2.4 to 2.0 (Table 77). Two regions--Northwest and Mark Twain--declined between 1978 and 1980 and seven nonmetropolitan regions are without a podiatrist.

Since 1976, the age distribution for podiatrists has shifted significantly. At that time 47 percent of the state's professionals were 55 years or older. In 1980, this figure dropped to 34 percent (Table 78). The shift is due to an influx of new podiatrists under age 35. Since 1976, this number has increased from 17 to 55. Note that all new podiatrists moved into metropolitan regions; Missouri still has only one podiatrist under age 35 in a nonmetropolitan region.

Most podiatrists are male (95 percent) and white (90 percent) (Tables 79, 80). Since 1976, the number of women and non-whites has remained stable.

Eight out of ten podiatrists maintain a general practice (Table 81). Surgery is the only other practice area frequently reported (17 percent).

Most podiatrists are self-employed (84 percent) in a private office (83 percent) (Tables 82, 83). Hospitals and clinics provide the employment setting for most others.

Since Missouri does not presently have a school of podiatry, the state supply is dependent upon out-of-state schools. Most Missouri professionals are graduates of Illinois (66 percent) and Ohio (15 percent) schools (Table 84).

TABLE 77. LICENSED PODIATRISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	0	1	1	0	0	1	0.1
JEFFERSON	0	0	0	0	0	0	0.0
ST CHARLES	3	0	3	1	0	4	0.2
ST LOUIS CNTY	36	4	40	3	1	44	0.4
ST LOUIS CITY	21	4	25	0	0	25	0.6
REGION TOTAL	60	9	69	4	1	74	0.4
MID-AMERICA							
CASS	0	0	0	0	0	0	0.0
CLAY	1	0	1	1	0	2	0.1
JACKSON	16	2	18	0	0	18	0.3
PLATTE	0	0	0	0	0	0	0.0
RAY	0	0	0	0	0	0	0.0
REGION TOTAL	17	2	19	1	0	20	0.2
SOUTHWEST MISSOURI							
BARRY	0	0	0	0	0	0	0.0
CHRISTIAN	0	0	0	0	0	0	0.0
DADE	0	0	0	0	0	0	0.0
DALLAS	0	0	0	0	0	0	0.0
GREENE	4	0	4	0	0	4	0.2
LAWRENCE	0	0	0	0	0	0	0.0
POLK	0	0	0	0	0	0	0.0
STONE	0	1	1	0	0	1	0.6
TANEY	0	0	0	0	0	0	0.0
WEBSTER	0	0	0	0	0	0	0.0
REGION TOTAL	4	1	5	0	0	5	0.1
MID-MISSOURI							
AUDRAIN	0	0	0	0	0	0	0.0
BOONE	3	1	4	0	0	4	0.4
CALLAWAY	1	0	1	0	0	1	0.3
COLE	1	0	1	0	0	1	0.2
COOPER	0	0	0	0	0	0	0.0
HOWARD	0	0	0	0	0	0	0.0
MONITEAU	0	0	0	0	0	0	0.0
OSAGE	0	0	0	0	0	0	0.0
REGION TOTAL	5	1	6	0	0	6	0.2
MO-KAN							
ANDREW	0	0	0	0	0	0	0.0
BUCHANAN	3	0	3	0	0	3	0.3
CLINTON	0	0	0	0	0	0	0.0
DEKALB	0	0	0	0	0	0	0.0
REGION TOTAL	3	0	3	0	0	3	0.2

TABLE 77. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	0	0	0	0	0	0	0.0
GENTRY	0	0	0	0	0	0	0.0
HOLT	0	0	0	0	0	0	0.0
NODAWAY	0	0	0	0	0	0	0.0
WORTH	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0	0.0
GREEN HILLS							
CALDWELL	0	0	0	0	0	0	0.0
DAVIESS	0	0	0	0	0	0	0.0
GRUNDY	0	0	0	0	0	0	0.0
HARRISON	0	0	0	0	0	0	0.0
LINN	0	0	0	0	0	0	0.0
LIVINGSTON	0	0	0	0	0	0	0.0
MERCER	0	0	0	0	0	0	0.0
PUTNAM	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0	0.0
MISSOURI VALLEY							
CARROLL	0	0	0	0	0	0	0.0
CHARITON	0	0	0	0	0	0	0.0
SALINE	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0	0.0
NORTHEAST MISSOURI							
ADAIR	2	0	2	0	0	2	0.8
CLARK	0	0	0	0	0	0	0.0
KNOX	0	0	0	0	0	0	0.0
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	0	0	0	0	0	0	0.0
REGION TOTAL	2	0	2	0	0	2	0.4
MARK TWAIN							
LEWIS	0	0	0	0	0	0	0.0
MACON	0	0	0	0	0	0	0.0
MARION	0	0	0	1	0	1	0.0
MONROE	0	0	0	0	0	0	0.0
PIKE	0	0	0	0	0	0	0.0
RALLS	0	0	0	0	0	0	0.0
RANDOLPH	1	0	1	0	0	1	0.4
SHELBY	0	0	0	0	0	0	0.0
REGION TOTAL	1	0	1	1	0	2	0.1

TABLE 77. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL	NOT ACTIVE		
BOONSLICK						
LINCOLN	0	0	0	0	0	0.0
MONTGOMERY	0	0	0	0	0	0.0
WARREN	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0.0
OZARK GATEWAY						
BARTON	0	0	0	0	0	0.0
JASPER	4	0	4	0	4	0.5
MCDONALD	0	0	0	0	0	0.0
NEWTON	0	0	0	0	0	0.0
REGION TOTAL	4	0	4	0	4	0.3
KAYSINGER BASIN						
BATES	0	0	0	0	0	0.0
BENTON	0	0	0	0	0	0.0
CEDAR	0	0	0	0	0	0.0
HENRY	1	0	1	0	1	0.5
HICKORY	0	0	0	0	0	0.0
ST CLAIR	0	0	0	0	0	0.0
VERNON	1	0	1	0	1	0.5
REGION TOTAL	2	0	2	0	2	0.2
SHOW-ME						
JOHNSON	0	0	0	0	0	0.0
LAFAYETTE	0	0	0	0	0	0.0
PETTIS	1	0	1	0	1	0.3
REGION TOTAL	1	0	1	0	1	0.1
SOUTH CENTRAL OZARK						
DOUGLAS	0	0	0	0	0	0.0
HOWELL	0	0	0	0	0	0.0
OREGON	0	0	0	0	0	0.0
OZARK	0	0	0	0	0	0.0
SHANNON	0	0	0	0	0	0.0
TEXAS	0	0	0	0	0	0.0
WRIGHT	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0.0
MERAMEC						
CRAWFORD	0	0	0	0	0	0.0
DENT	0	0	0	0	0	0.0
GASCONADE	0	0	0	0	0	0.0
MARIES	0	0	0	0	0	0.0
PHELPS	0	0	0	0	0	0.0
WASHINGTON	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0.0

TABLE 77. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	0	0	0	0	0	0	0.0
LACLEDE	0	0	0	0	0	0	0.0
MILLER	0	0	0	0	0	0	0.0
MORGAN	1	0	1	0	0	1	0.7
PULASKI	0	0	0	0	0	0	0.0
REGION TOTAL	1	0	1	0	0	1	0.1
SOUTHEAST MISSOURI							
BOLLINGER	0	0	0	0	0	0	0.0
CAPE GIRARDEAU	1	0	1	0	0	1	0.2
IRON	0	0	0	0	0	0	0.0
MADISON	0	0	0	0	0	0	0.0
PERRY	0	0	0	0	0	0	0.0
ST FRANCOIS	0	0	0	0	0	0	0.0
STE GENEVIEVE	0	0	0	0	0	0	0.0
REGION TOTAL	1	0	1	0	0	1	0.1
BOOTHEEL							
DUNKLIN	0	0	0	0	0	0	0.0
MISSISSIPPI	0	0	0	0	0	0	0.0
NEW MADRID	0	0	0	0	0	0	0.0
PEMISCOT	0	0	0	0	0	0	0.0
SCOTT	0	0	0	0	0	0	0.0
STODDARD	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0	0.0
OZARK FOOTHILLS							
BUTLER	1	0	1	0	0	1	0.3
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	0	0	0	0	0	0	0.0
RIPLEY	0	0	0	0	0	0	0.0
WAYNE	0	0	0	0	0	0	0.0
REGION TOTAL	1	0	1	0	0	1	0.1
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	17	2	19	1	0	20	0.2
HSA 2 CENTRAL MISSOURI	15	1	16	1	0	17	0.1
HSA 3 EAST-WEST GATEWAY	60	9	69	4	1	74	0.4
HSA 4 SOUTHWEST MISSOURI	8	1	9	0	0	9	0.1
HSA 5 SOUTHEAST MISSOURI	2	0	2	0	0	2	0.0
METROPOLITAN TOTAL	89	13	102	5	1	108	0.3
NONMETROPOLITAN TOTAL	13	0	13	1	0	14	0.1
STATE TOTAL	102	13	115	6	1	122	0.2
PERCENT OF STATE TOTAL	83.6	10.7	94.3	4.9	0.8	100.0	

TABLE 78. ACTIVE PODIATRISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	27	10	6	12	10	69
MID-AMERICA	8	1	2	4	4	19
SOUTHWEST MISSOURI	0	1	3	0	1	5
MID-MISSOURI	1	2	1	1	1	6
MO-KAN	2	0	0	1	0	3
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	0	0	0	0	0	0
GREEN HILLS	0	0	0	0	0	0
MISSOURI VALLEY	0	0	0	0	0	0
NORTHEAST MISSOURI	1	1	0	0	0	2
MARK TWAIN	0	0	0	0	1	1
BOONSLICK	0	0	0	0	0	0
OZARK GATEWAY	0	0	3	1	0	4
KAYSINGER BASIN	0	0	0	1	0	2
SHOW-ME	0	0	0	0	1	1
SOUTH CENTRAL OZARK	0	0	0	0	0	0
MERAMEC	0	0	0	0	0	0
LAKE OF THE OZARKS	0	0	1	0	0	1
SOUTHEAST MISSOURI	0	1	0	0	0	1
BOOTHEEL	0	0	0	0	0	0
OZARK FOOTHILLS	0	0	0	1	0	1
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	8	1	2	4	4	19
HSA 2 CENTRAL MISSOURI	4	3	2	3	3	16
HSA 3 EAST-WEST GATEWAY	27	10	6	12	10	69
HSA 4 SOUTHWEST MISSOURI	0	1	6	1	1	9
HSA 5 SOUTHEAST MISSOURI	0	1	0	1	0	2
METROPOLITAN TOTAL	38	14	12	18	16	102
NONMETROPOLITAN TOTAL	1	2	4	3	2	13
STATE TOTAL	39	16	16	21	18	115
PERCENT OF STATE TOTAL	33.9	13.9	13.9	18.3	15.7	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 79. ACTIVE PODIATRISTS BY RACE: MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	104	90.4
BLACK	8	7.0
AMERICAN INDIAN	0	0.0
ORIENTAL/ASIAN	0	0.0
OTHER	0	0.0
NOT STATED	3	2.6
TOTAL	115	100.0

TABLE 80. ACTIVE PODIATRISTS BY SEX: MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	109	94.8
FEMALE	6	5.2
NOT STATED	0	0.0
TOTAL	115	100.0

TABLE 81. ACTIVE PODIATRISTS BY PRIMARY SPECIALTY: MISSOURI 1980

SPECIALTY	NUMBER	PERCENT
GENERAL PRACTICE	89	77.4
SURGERY	20	17.4
PODOGERIATRICS	2	1.7
FOOT ORTHOPEDICS	3	2.6
OTHER	1	0.9
NOT STATED	0	0.0
TOTAL	115	100.0

TABLE 82. ACTIVE PODIATRISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
PRACTITIONER'S OFFICE	95	82.6
NON-FEDERAL HOSPITAL	13	11.3
FREESTANDING CLINIC	4	3.5
GROUP HEALTH PLAN FACILITY	0	0.0
OTHER	2	1.7
NOT STATED	1	0.9
TOTAL	115	100.0

TABLE 83. ACTIVE PODIATRISTS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1980

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	75	65.2
PARTNERSHIP OR GROUP PRACTICE	22	19.1
NONGOVERNMENTAL EMPLOYER		
HOSPITAL, SCHOOL, ETC.	8	7.0
GROUP OF PRACTITIONERS	5	4.3
OTHER	4	3.5
NOT STATED	1	0.9
TOTAL	115	100.0

TABLE 84. ACTIVE PODIATRISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
ILLINOIS	76	66.1
OHIO	17	14.8
NEW YORK	4	3.5
PENNSYLVANIA	7	6.1
CALIFORNIA	3	2.6
OTHER	8	7.0
TOTAL	115	100.0

VETERINARIANS

In 1980, 940 veterinarians actively practiced in Missouri (Table 85). This total represents a net increase of 122 professionals over the 1976 total--an expansion of 15 percent. As a result, the state rate per 10,000 population increased one-tenth to 1.9 which is considerably higher than the national rate of 1.4.

Veterinary manpower is increasing more rapidly in metropolitan regions with a substantial increase from 1.5 (1976) to 1.8 (1980) per 10,000 residents. However, the rate per 10,000 population remains higher in nonmetropolitan areas (2.2). Among Missouri regions, the rate per 10,000 population ranges widely from 5.7 in Mid-Missouri to 0.9 in the Bootheel region. However, the University of Missouri veterinary school employs a large number of veterinarians which explains the high rate in Mid-Missouri. The next highest rate is held by Northwest Missouri (4.5).

The age distribution for Missouri veterinarians continues to assure an adequate future supply. Over 60 percent are under the age of 45 while only 19 percent are 55 years or older (Table 86).

Most veterinarians are male (94 percent) and white (97 percent) (Tables 87, 88). However, 29 women have been added to the Missouri total since 1976.

Most veterinarians are in mixed practice (small and large) (40 percent) or small animal practice (32 percent) (Table 89). Large animal practices comprise another 4 percent and regulatory veterinary medicine 6 percent.

Six out of ten veterinarians practice in veterinary hospitals or clinics (Table 90). A significant number (15 percent) also practice in farm or ranch settings.

Self-employment is the predominant form of employment, with 38 percent in solo practice and 22 percent in group or partnership practice (Table 91). Government employment is high compared to other health professions.

The University of Missouri at Columbia has the state's only veterinary school. This school has produced 59 percent of Missouri's active veterinarians (Table 92). An additional 14 percent are graduates of Kansas State University.

TABLE 85. LICENSED VETERINARIANS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	11	0	11	1	0	12	1.5
JEFFERSON	14	1	15	1	0	16	1.0
ST CHARLES	19	1	20	0	0	20	1.4
ST LOUIS CNTY	124	9	133	7	3	143	1.4
ST LOUIS CITY	32	0	32	3	1	36	0.7
REGION TOTAL	200	11	211	12	4	227	1.2
MID-AMERICA							
CASS	14	0	14	1	0	15	2.7
CLAY	28	0	28	2	0	30	2.1
JACKSON	86	6	92	4	1	97	1.5
PLATTE	7	0	7	3	1	11	1.5
RAY	3	0	3	0	0	3	1.4
REGION TOTAL	138	6	144	10	2	156	1.6
SOUTHWEST MISSOURI							
BARRY	7	1	8	1	0	9	3.3
CHRISTIAN	3	0	3	0	1	4	1.3
DADE	1	0	1	0	0	1	1.4
DALLAS	2	0	2	0	0	2	1.7
GREENE	33	0	33	1	0	34	1.8
LAWRENCE	9	0	9	0	0	9	3.1
POLK	6	0	6	0	0	6	3.2
STONE	3	1	4	2	0	6	2.6
TANEY	3	0	3	0	0	3	1.5
WEBSTER	8	1	9	0	0	9	4.4
REGION TOTAL	75	3	78	4	1	83	2.2
MID-MISSOURI							
AUDRAIN	8	1	9	0	0	9	3.4
BOONE	97	6	103	9	4	116	10.3
CALLAWAY	4	1	5	0	0	5	1.6
COLE	18	1	19	0	0	19	3.4
COOPER	5	1	6	0	0	6	4.1
HOWARD	3	0	3	0	0	3	3.0
MONITEAU	2	1	3	1	0	4	2.5
OSAGE	4	0	4	1	0	5	3.3
REGION TOTAL	141	11	152	11	4	167	5.7
MO-KAN							
ANDREW	3	0	3	0	0	3	2.1
BUCHANAN	17	1	18	1	0	19	2.0
CLINTON	6	1	7	1	0	8	4.4
DEKALB	3	0	3	0	0	3	3.6
REGION TOTAL	29	2	31	2	0	33	2.5

TABLE 85. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	5	0	5	1	0	6	5.8
GENTRY	3	0	3	0	0	3	3.8
HOLT	1	0	1	1	0	2	1.5
NODAWAY	11	0	11	1	0	12	5.0
WORTH	2	0	2	0	0	2	6.6
REGION TOTAL	22	0	22	3	0	25	4.5
GREEN HILLS							
CALDWELL	4	1	5	1	0	6	5.8
DAVIESS	2	0	2	0	0	2	2.2
GRUNDY	4	0	4	0	0	4	3.3
HARRISON	1	0	1	0	0	1	1.0
LINN	7	0	7	0	0	7	4.5
LIVINGSTON	5	0	5	1	0	6	3.2
MERCER	1	0	1	0	0	1	2.1
PUTNAM	1	0	1	1	0	2	1.6
SULLIVAN	6	1	7	0	0	7	9.4
REGION TOTAL	31	2	33	3	0	36	3.7
MISSOURI VALLEY							
CARROLL	3	0	3	0	0	3	2.5
CHARITON	3	1	4	2	0	6	3.8
SALINE	12	0	12	2	0	14	4.8
REGION TOTAL	18	1	19	4	0	23	4.0
NORTHEAST MISSOURI							
ADAIR	6	0	6	1	0	7	2.4
CLARK	2	0	2	0	0	2	2.4
KNOX	1	0	1	0	0	1	1.8
SCHUYLER	1	0	1	0	0	1	2.0
SCOTLAND	1	0	1	0	0	1	1.8
REGION TOTAL	11	0	11	1	0	12	2.2
MARK TWAIN							
LEWIS	3	0	3	1	0	4	2.8
MACON	4	2	6	0	0	6	3.7
MARION	7	0	7	0	0	7	2.4
MONROE	4	0	4	1	0	5	4.1
PIKE	6	0	6	1	0	7	3.4
RALLS	0	0	0	1	0	1	0.0
RANDOLPH	5	0	5	0	0	5	2.0
SHELBY	3	0	3	0	0	3	3.8
REGION TOTAL	32	2	34	4	0	38	2.7

TABLE 85. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	2	0	2	0	0	2	0.9
MONTGOMERY	3	1	4	0	0	4	3.5
WARREN	3	0	3	0	0	3	2.0
REGION TOTAL	8	1	9	0	0	9	1.9
OZARK GATEWAY							
BARTON	1	0	1	0	0	1	0.9
JASPER	19	1	20	2	1	23	2.3
MCDONALD	2	0	2	1	0	3	1.3
NEWTON	7	0	7	2	0	9	1.7
REGION TOTAL	29	1	30	5	1	36	2.0
KAYSINGER BASIN							
BATES	3	0	3	0	0	3	1.9
BENTON	3	0	3	1	0	4	2.5
CEDAR	4	0	4	1	0	5	3.4
HENRY	5	1	6	2	0	8	3.1
HICKORY	0	1	1	0	0	1	1.6
ST CLAIR	5	0	5	0	0	5	5.8
VERNON	3	1	4	2	0	6	2.0
REGION TOTAL	23	3	26	6	0	32	2.8
SHOW-ME							
JOHNSON	9	0	9	1	0	10	2.3
LAFAYETTE	7	0	7	0	0	7	2.3
PETTIS	9	0	9	0	0	9	2.5
REGION TOTAL	25	0	25	1	0	26	2.4
SOUTH CENTRAL OZARK							
DOUGLAS	2	0	2	0	0	2	1.7
HOWELL	5	2	7	1	0	8	2.4
OREGON	3	0	3	0	0	3	2.9
OZARK	1	0	1	1	0	2	1.3
SHANNON	0	1	1	0	0	1	1.3
TEXAS	4	1	5	0	0	5	2.4
WRIGHT	8	0	8	0	0	8	4.9
REGION TOTAL	23	4	27	2	0	29	2.6
MERAMEC							
CRAWFORD	3	0	3	1	0	4	1.6
DENT	3	1	4	0	0	4	2.8
GASCONADE	5	0	5	0	0	5	3.8
MARIES	2	0	2	0	0	2	2.6
PHELPS	6	1	7	1	0	8	2.1
WASHINGTON	2	0	2	0	0	2	1.1
REGION TOTAL	21	2	23	2	0	25	2.2

TABLE 85. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	LICENSED NOT STATED	TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	4	0	4	2	0	6	2.0
LACLEDE	4	2	6	0	0	6	2.5
MILLER	2	0	2	2	0	4	1.1
MORGAN	2	0	2	0	0	2	1.4
PULASKI	3	0	3	0	0	3	0.7
REGION TOTAL	15	2	17	4	0	21	1.4
SOUTHEAST MISSOURI							
BOLLINGER	1	0	1	0	0	1	1.0
CAPE GIRARDEAU	12	0	12	0	0	12	2.0
IRON	0	0	0	0	0	0	0.0
MADISON	2	0	2	0	0	2	1.9
PERRY	3	0	3	0	0	3	1.8
ST FRANCOIS	4	0	4	0	0	4	0.9
STE GENEVIEVE	1	0	1	0	0	1	0.7
REGION TOTAL	23	0	23	0	0	23	1.4
BOOTHEEL							
DUNKLIN	2	0	2	1	0	3	0.6
MISSISSIPPI	2	0	2	0	0	2	1.3
NEW MADRID	0	0	0	0	0	0	0.0
PEMISCOT	0	0	0	0	0	0	0.0
SCOTT	5	0	5	1	0	6	1.3
STODDARD	4	2	6	0	1	7	2.1
REGION TOTAL	13	2	15	2	1	18	0.9
OZARK FOOTHILLS							
BUTLER	7	0	7	0	0	7	1.9
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	1	0	1	0	0	1	1.4
RIPLEY	2	0	2	0	0	2	1.6
WAYNE	0	0	0	0	0	0	0.0
REGION TOTAL	10	0	10	0	0	10	1.3
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	138	6	144	10	2	156	1.6
HSA 2 CENTRAL MISSOURI	355	24	379	39	4	422	3.4
HSA 3 EAST-WEST GATEWAY	200	11	211	12	4	227	1.2
HSA 4 SOUTHWEST MISSOURI	127	8	135	11	2	148	2.2
HSA 5 SOUTHEAST MISSOURI	67	4	71	4	1	76	1.4
METROPOLITAN TOTAL	583	33	616	39	11	666	1.8
NONMETROPOLITAN TOTAL	304	20	324	37	2	363	2.2
STATE TOTAL	887	53	940	76	13	1,029	1.9
PERCENT OF STATE TOTAL	86.2	5.2	91.4	7.4	1.3	100.0	

TABLE 86. ACTIVE VETERINARIANS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1980

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	96	59	33	13	6	211
MID-AMERICA	50	39	26	22	7	144
SOUTHWEST MISSOURI	29	15	17	15	2	78
MID-MISSOURI	61	26	37	25	3	152
MO-KAN	6	3	12	8	1	31
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	8	4	4	5	0	22
GREEN HILLS	11	6	9	6	1	33
MISSOURI VALLEY	8	2	2	7	0	19
NORTHEAST MISSOURI	4	3	1	1	1	11
MARK TWAIN	13	5	4	8	3	34
BOONSLICK	3	3	1	2	0	9
OZARK GATEWAY	10	3	8	9	0	30
KAYSINGER BASIN	10	7	4	3	2	26
SHOW-ME	11	4	3	5	2	25
SOUTH CENTRAL OZARK	9	8	5	4	0	27
MERAMEC	11	1	8	2	1	23
LAKE OF THE OZARKS	5	3	5	2	2	17
SOUTHEAST MISSOURI	8	3	7	4	0	23
BOOTHEEL	5	2	0	7	1	15
OZARK FOOTHILLS	2	4	2	2	0	10
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	50	39	26	22	7	144
HSA 2 CENTRAL MISSOURI	140	66	82	72	15	379
HSA 3 EAST-WEST GATEWAY	96	59	33	13	6	211
HSA 4 SOUTHWEST MISSOURI	48	26	30	28	2	135
HSA 5 SOUTHEAST MISSOURI	26	10	17	15	2	71
METROPOLITAN TOTAL	242	142	125	83	19	616
NONMETROPOLITAN TOTAL	118	58	63	67	13	324
STATE TOTAL	360	200	188	150	32	940
PERCENT OF STATE TOTAL	38.3	21.3	20.0	16.0	3.4	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 87. ACTIVE VETERINARIANS
BY RACE:
MISSOURI 1980

RACE	NUMBER	PERCENT
WHITE	912	97.0
BLACK	4	0.4
AMERICAN INDIAN	1	0.1
ORIENTAL/ASIAN	4	0.4
OTHER	1	0.1
NOT STATED	18	1.9
TOTAL	940	100.0

TABLE 88. ACTIVE VETERINARIANS
BY SEX:
MISSOURI 1980

SEX	NUMBER	PERCENT
MALE	880	93.6
FEMALE	59	6.3
NOT STATED	1	0.1
TOTAL	940	100.0

TABLE 89. ACTIVE VETERINARIANS BY PRIMARY SPECIALTY: MISSOURI 1980

SPECIALITY	NUMBER	PERCENT
SMALL ANIMAL PRACTICE	298	31.7
LARGE ANIMAL PRACTICE	41	4.4
MIXED PRACTICE (SMALL AND LARGE)	373	39.7
REGULATORY VETERINARY MEDICINE	53	5.6
EQUINE PRACTICE	30	3.2
BOVINE PRACTICE	10	1.1
VETERINARY PUBLIC HEALTH	6	0.6
OTHER	125	13.3
NOT STATED	4	0.4
TOTAL	940	100.0

TABLE 90. ACTIVE VETERINARIANS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1980

SETTING OF EMPLOYMENT	NUMBER	PERCENT
VETERINARY HOSPITAL/CLINIC	591	62.9
FARM/RANCH	144	15.3
ADMINISTRATIVE/REGULATORY AGENCY	61	6.5
VETERINARY COLLEGE	64	6.8
MANUFACTURING/INDUSTRIAL FIRM	25	2.7
OTHER UNIVERSITIES OR COLLEGES	14	1.5
OTHER BUSINESS	14	1.5
OTHER	23	2.4
NOT STATED	4	0.4
TOTAL	940	100.0

TABLE 91. ACTIVE VETERINARIANS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1980

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	359	38.2
PARTNERSHIP OR GROUP PRACTICE	205	21.8
NONGOVERNMENTAL EMPLOYER		
INDIVIDUAL PRACTITIONER	94	10.0
HOSPITAL, SCHOOL, ETC.	57	6.1
PARTNERSHIP OR GROUP OF PRACTITIONERS	75	8.0
RETAIL OR WHOLESALE TRADE	20	2.1
GOVERNMENTAL EMPLOYER		
FEDERAL GOVERNMENT	57	6.1
STATE GOVERNMENT	63	6.7
OTHER	7	0.7
NOT STATED	3	0.3
TOTAL	940	100.0

TABLE 92. ACTIVE VETERINARIANS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1980

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
UNIVERSITY OF MISSOURI-COLUMBIA	554	58.9
OTHER MISSOURI SCHOOLS	1	0.1
STATES ADJACENT TO MISSOURI		
ARKANSAS	0	0.0
ILLINOIS	28	3.0
IOWA	42	4.5
KANSAS	135	14.4
KENTUCKY	0	0.0
NEBRASKA	0	0.0
OKLAHOMA	18	1.9
TENNESSEE	0	0.0
OTHER STATES AND CANADA	123	13.1
FOREIGN	19	2.0
NOT STATED	20	2.1
TOTAL	940	100.0

PSYCHOLOGISTS

There are 879 licensed psychologists in Missouri (Table 93). Of this number, 848 are actively practicing. Translated into psychologists per 10,000 residents, the rate eqauls 1.7. The latest available national rate is 3.3 based on 1976 data. This, of course, puts Missouri considerably below the national rate. However, the state may rank higher than the 1.6 rate per 10,000 indicates, since psychologists who are employed exclusively by state government are not required to be licensed in Missouri.

Psychologists are primarily metropolitan based as illustrated by the 2.2 rate per 10,000 population in metropolitan areas compared to only 0.6 in nonmetropolitan areas. The RPC rates per 10,000 range from a high of 3.8 in Mid-Missouri to zero in Bootheel and South Central Ozark.

There appears to be an ample supply of young psychologists for replacement needs with over 58 percent under age 45. In fact, only 14 percent are age 55 or over (Table 94).

One out of every three active psychologists is female (Table 96). This is the highest percentage of women in any of the male-dominated professions in this report. Over 95 percent are white (Table 95).

One-third of all psychologists are in private practice (Table 97). An additional 30 percent are employed in schools and 27 percent work in a hospital or clinic setting. One out of every three is self-employed (Table 98). The principal employers of the other two-thirds are schools, hospitals, and state government (54 percent).

Just over half of all active psychologists were educated in Missouri (Table 99). Only two other states have educated a significant number--Illinois (6 percent) and Kansas (6 percent). Most of these professionals are educated as either clinical or counseling psychologists (82 percent). Twenty-seven percent have a master's degree. The other 73 percent have a doctorate (Tables 100 and 101).

TABLE 93. LICENSED PSYCHOLOGISTS BY ACTIVITY STATUS, WITH RATES, BY COUNTY, FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	ACTIVE			NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
METROPOLITAN REGIONS							
EAST-WEST GATEWAY							
FRANKLIN	0	1	1	0	0	1	0.1
JEFFERSON	1	3	4	0	0	4	0.3
ST CHARLES	9	1	10	0	0	10	0.7
ST LOUIS CNTY	196	28	224	8	5	237	2.3
ST LOUIS CITY	126	18	144	0	3	147	3.2
REGION TOTAL	332	51	383	8	8	399	2.1
MID-AMERICA							
CASS	2	0	2	0	0	2	0.4
CLAY	23	1	24	1	0	25	1.8
JACKSON	157	16	173	1	7	181	2.7
PLATTE	1	2	3	0	0	3	0.6
RAY	0	0	0	0	0	0	0.0
REGION TOTAL	183	19	202	2	7	211	2.3
SOUTHWEST MISSOURI							
BARRY	1	0	1	0	0	1	0.4
CHRISTIAN	0	0	0	0	0	0	0.0
DADE	0	0	0	0	0	0	0.0
DALLAS	0	0	0	0	0	0	0.0
GREENE	51	6	57	1	2	60	3.1
LAWRENCE	1	0	1	0	0	1	0.3
POLK	2	0	2	0	0	2	1.1
STONE	0	0	0	0	0	0	0.0
TANEY	3	0	3	0	0	3	1.5
WEBSTER	0	1	1	0	0	1	0.5
REGION TOTAL	58	7	65	1	2	68	1.8
MID-MISSOURI							
AUDRAIN	3	0	3	0	0	3	1.1
BOONE	68	2	70	0	1	71	7.0
CALLAWAY	17	0	17	0	0	17	5.3
COLE	5	3	8	0	0	8	1.4
COOPER	1	0	1	0	0	1	0.7
HOWARD	0	0	0	0	0	0	0.0
MONITEAU	1	0	1	0	0	1	0.8
OSAGE	0	0	0	0	0	0	0.0
REGION TOTAL	95	5	100	0	1	101	3.8
MO-KAN							
ANDREW	0	0	0	0	0	0	0.0
BUCHANAN	7	1	8	1	0	9	0.9
CLINTON	1	0	1	0	0	1	0.6
DEKALB	0	0	0	0	0	0	0.0
REGION TOTAL	8	1	9	1	0	10	0.7

TABLE 93. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
NONMETROPOLITAN REGIONS							
NORTHWEST MISSOURI							
ATCHISON	0	0	0	0	0	0	0.0
GENTRY	0	0	0	0	0	0	0.0
HOLT	0	0	0	0	0	0	0.0
NODAWAY	3	1	4	0	0	4	1.8
WORTH	0	0	0	0	0	0	0.0
REGION TOTAL	3	1	4	0	0	4	0.8
GREEN HILLS							
CALDWELL	0	0	0	0	0	0	0.0
DAVIESS	0	0	0	0	0	0	0.0
GRUNDY	0	0	0	0	0	0	0.0
HARRISON	0	0	0	0	0	0	0.0
LINN	0	0	0	0	0	0	0.0
LIVINGSTON	1	0	1	0	0	1	0.6
MERCER	0	0	0	0	0	0	0.0
PUTNAM	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0.0
REGION TOTAL	1	0	1	0	0	1	0.1
MISSOURI VALLEY							
CARROLL	0	0	0	0	0	0	0.0
CHARITON	0	0	0	0	0	0	0.0
SALINE	1	0	1	0	0	1	0.4
REGION TOTAL	1	0	1	0	0	1	0.2
NORTHEAST MISSOURI							
ADAIR	4	2	6	0	0	6	2.4
CLARK	0	0	0	0	0	0	0.0
KNOX	0	0	0	0	0	0	0.0
SCHUYLER	0	0	0	0	0	0	0.0
SCOTLAND	0	0	0	0	0	0	0.0
REGION TOTAL	4	2	6	0	0	6	1.2
MARK TWAIN							
LEWIS	0	0	0	0	0	0	0.0
MACON	0	0	0	0	0	0	0.0
MARION	3	0	3	0	0	3	1.0
MONROE	0	0	0	0	0	0	0.0
PIKE	0	0	0	0	0	0	0.0
RALLS	0	0	0	0	0	0	0.0
RANDOLPH	0	0	0	0	0	0	0.0
SHELBY	0	0	0	0	0	0	0.0
REGION TOTAL	3	0	3	0	0	3	0.2

TABLE 93. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	ACTIVITY NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
BOONSLICK							
LINCOLN	0	1	1	0	0	1	0.5
MONTGOMERY	0	0	0	0	0	0	0.0
WARREN	0	1	1	0	0	1	0.7
REGION TOTAL	0	2	2	0	0	2	0.4
OZARK GATEWAY							
BARTON	1	0	1	0	0	1	0.9
JASPER	9	1	10	0	0	10	1.1
MCDONALD	1	0	1	0	0	1	0.7
NEWTON	1	0	1	0	0	1	0.2
REGION TOTAL	12	1	13	0	0	13	0.8
KAYSINGER BASIN							
BATES	0	0	0	0	0	0	0.0
BENTON	0	0	0	0	0	0	0.0
CEDAR	0	0	0	0	0	0	0.0
HENRY	0	0	0	0	0	0	0.0
HICKORY	0	0	0	0	0	0	0.0
ST CLAIR	0	0	0	0	0	0	0.0
VERNON	7	2	9	0	0	9	4.5
REGION TOTAL	7	2	9	0	0	9	1.0
SHOW-ME							
JOHNSON	10	5	15	0	0	15	3.8
LAFAYETTE	1	0	1	0	0	1	0.3
PETTIS	3	0	3	0	0	3	0.8
REGION TOTAL	14	5	19	0	0	19	1.8
SOUTH CENTRAL OZARK							
DOUGLAS	0	0	0	0	0	0	0.0
HOWELL	0	0	0	0	0	0	0.0
OREGON	0	0	0	0	0	0	0.0
OZARK	0	0	0	0	0	0	0.0
SHANNON	0	0	0	0	0	0	0.0
TEXAS	0	0	0	0	0	0	0.0
WRIGHT	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	0	0	0.0
MERAMEC							
CRAWFORD	0	0	0	0	0	0	0.0
DENT	0	0	0	0	0	0	0.0
GASCONADE	0	0	0	0	0	0	0.0
MARIES	0	0	0	0	0	0	0.0
PHELPS	4	2	6	0	0	6	1.8
WASHINGTON	0	0	0	0	0	0	0.0
REGION TOTAL	4	2	6	0	0	6	0.6

TABLE 93. (CONTINUED)

GEOGRAPHIC AREA	ACTIVE			ACTIVITY NOT ACTIVE	NOT STATED	LICENSED TOTAL	ACTIVE PER 10000 POPULATION
	FULL-TIME	PART-TIME	TOTAL				
LAKE OF THE OZARKS							
CAMDEN	0	0	0	0	0	0	0.0
LACLEDE	0	0	0	0	0	0	0.0
MILLER	0	0	0	0	0	0	0.0
MORGAN	1	0	1	0	0	1	0.7
PULASKI	1	0	1	0	0	1	0.2
REGION TOTAL	2	0	2	0	0	2	0.2
SOUTHEAST MISSOURI							
BOLLINGER	0	0	0	0	0	0	0.0
CAPE GIRARDEAU	15	2	17	0	0	17	2.9
IRON	0	0	0	0	0	0	0.0
MADISON	0	0	0	0	0	0	0.0
PERRY	0	0	0	0	0	0	0.0
ST FRANCOIS	3	0	3	0	0	3	0.7
STE GENEVIEVE	0	0	0	0	0	0	0.0
REGION TOTAL	18	2	20	0	0	20	1.2
BOOTHEEL							
DUNKLIN	0	0	0	0	0	0	0.0
MISSISSIPPI	0	0	0	0	0	0	0.0
NEW MADRID	0	0	0	0	0	0	0.0
PEMISCOT	0	0	0	0	0	0	0.0
SCOTT	0	0	0	0	1	1	0.0
STODDARD	0	0	0	0	0	0	0.0
REGION TOTAL	0	0	0	0	1	1	0.0
OZARK FOOTHILLS							
BUTLER	3	0	3	0	0	3	0.8
CARTER	0	0	0	0	0	0	0.0
REYNOLDS	0	0	0	0	0	0	0.0
RIPLEY	0	0	0	0	0	0	0.0
WAYNE	0	0	0	0	0	0	0.0
REGION TOTAL	3	0	3	0	0	3	0.4
HEALTH SERVICE AREAS							
HSA 1 MID-AMERICA	183	19	202	2	7	211	2.3
HSA 2 CENTRAL MISSOURI	138	18	156	1	1	158	1.4
HSA 3 EAST-WEST GATEWAY	332	51	383	8	8	399	2.1
HSA 4 SOUTHWEST MISSOURI	70	8	78	1	2	81	1.3
HSA 5 SOUTHEAST MISSOURI	25	4	29	0	1	30	0.6
METROPOLITAN TOTAL	676	83	759	12	18	789	2.2
NONMETROPOLITAN TOTAL	72	17	89	0	1	90	0.6
STATE TOTAL	748	100	848	12	19	879	1.7
PERCENT OF STATE TOTAL	85.1	11.4	96.5	1.4	2.2	100.0	

TABLE 94. ACTIVE PSYCHOLOGISTS BY TEN-YEAR AGE GROUPS FOR REGIONAL PLANNING COMMISSION AND HEALTH SERVICE AREAS: MISSOURI 1981

GEOGRAPHIC AREA	UNDER 35	35-44	45-54	55-64	65 AND OVER	TOTAL*
METROPOLITAN REGIONS						
EAST-WEST GATEWAY	73	144	112	43	7	383
MID-AMERICA	46	77	54	23	2	202
SOUTHWEST MISSOURI	14	26	15	9	1	65
MID-MISSOURI	32	25	25	16	2	100
MO-KAN	3	3	2	1	0	9
NONMETROPOLITAN REGIONS						
NORTHWEST MISSOURI	1	1	2	0	0	4
GREEN HILLS	0	0	1	0	0	1
MISSOURI VALLEY	0	0	1	0	0	1
NORTHEAST MISSOURI	1	4	1	0	0	6
MARK TWAIN	0	3	0	0	0	3
BOONSLICK	0	0	1	0	1	2
OZARK GATEWAY	5	6	1	1	0	13
KAYSINGER BASIN	1	3	2	3	0	9
SHOW-ME	3	4	7	3	1	19
SOUTH CENTRAL OZARK	0	0	0	0	0	0
MERAMEC	2	2	1	1	0	6
LAKE OF THE OZARKS	0	1	0	1	0	2
SOUTHEAST MISSOURI	3	9	7	1	0	20
BOOTHEEL	0	0	0	0	0	0
OZARK FOOTHILLS	0	2	1	0	0	3
HEALTH SERVICE AREAS						
HSA 1 MID-AMERICA	46	77	54	23	2	202
HSA 2 CENTRAL MISSOURI	41	44	42	24	4	156
HSA 3 EAST-WEST GATEWAY	73	144	112	43	7	383
HSA 4 SOUTHWEST MISSOURI	19	32	16	10	1	78
HSA 5 SOUTHEAST MISSOURI	5	13	9	2	0	29
METROPOLITAN TOTAL	168	275	208	92	12	759
NONMETROPOLITAN TOTAL	16	35	25	10	2	89
STATE TOTAL	184	310	233	102	14	848
PERCENT OF STATE TOTAL	21.7	36.6	27.5	12.0	1.7	100.0

* TOTALS INCLUDE AGE NOT STATED

TABLE 95. ACTIVE PSYCHOLOGISTS
BY RACE:
MISSOURI 1981

RACE	NUMBER	PERCENT
WHITE	808	95.3
BLACK	34	4.0
AMERICAN INDIAN	3	0.4
ORIENTAL/ASIAN	2	0.2
OTHER	0	0.0
NOT STATED	1	0.1
TOTAL	848	100.0

TABLE 96. ACTIVE PSYCHOLOGISTS
BY SEX:
MISSOURI 1981

SEX	NUMBER	PERCENT
MALE	582	68.6
FEMALE	266	31.4
NOT STATED	0	0.0
TOTAL	848	100.0

TABLE 97. ACTIVE PSYCHOLOGISTS BY PRIMARY SETTING OF EMPLOYMENT: MISSOURI 1981

SETTING OF EMPLOYMENT	NUMBER	PERCENT
INDIVIDUAL/GROUP PRIVATE PRACTICE	263	31.0
HIGHER EDUCATION	221	26.1
COMMUNITY MENTAL HEALTH FACILITY	89	10.5
SECONDARY/ELEMENTARY SCHOOL SYSTEM	54	6.4
STATE OR COUNTY MENTAL HOSPITAL	49	5.8
BUSINESS AND INDUSTRY	36	4.2
HMO, PRIVATE HOSPITAL OR CLINIC (OTHER THAN PRIVATE MENTAL HEALTH FACILITY)	44	5.2
FEDERAL HOSPITAL OR CLINIC	32	3.8
CRIMINAL JUSTICE/CORRECTIONS SYSTEM	19	2.2
GOVERNMENT ADMINISTRATIVE AGENCY	8	0.9
MENTAL RETARDATION FACILITY	12	1.4
ALCOHOL/DRUG ABUSE TREATMENT FACILITY	5	0.6
PRIVATE MENTAL HOSPITAL	7	0.8
OTHER SETTING	9	1.1
NOT STATED	0	0.0
TOTAL	848	100.0

TABLE 98. ACTIVE PSYCHOLOGISTS BY PRIMARY FORM OF EMPLOYMENT: MISSOURI 1981

FORM OF EMPLOYMENT	NUMBER	PERCENT
SELF-EMPLOYED		
SOLO PRACTICE	176	20.8
PARTNERSHIP OR GROUP	93	11.0
NONGOVERNMENTAL EMPLOYER		
HOSPITAL, SCHOOL, ETC.	272	32.1
PARTNERSHIP OR GROUP OF PRACTITIONERS	19	2.2
INDIVIDUAL PRACTITIONER	10	1.2
GROUP HEALTH PLAN	4	0.5
GOVERNMENTAL EMPLOYER		
STATE GOVERNMENT	188	22.2
FEDERAL GOVERNMENT	41	4.8
LOCAL GOVERNMENT	42	5.0
OTHER	3	0.4
NOT STATED	0	0.0
TOTAL	848	100.0

TABLE 99. ACTIVE PSYCHOLOGISTS BY PLACE OF PROFESSIONAL EDUCATION: MISSOURI 1981

PROFESSIONAL EDUCATION	NUMBER	PERCENT
MISSOURI		
ST. LOUIS UNIVERSITY	115	13.6
WASHINGTON UNIVERSITY	106	12.5
UNIVERSITY OF MISSOURI-KANSAS CITY	76	9.0
UNIVERSITY OF MISSOURI-COLUMBIA	84	9.9
CENTRAL MISSOURI STATE UNIVERSITY	35	4.1
NORTHEAST MISSOURI STATE	5	0.6
SOUTHEAST MISSOURI STATE	4	0.5
SOUTHWEST MISSOURI STATE	3	0.4
OTHER MISSOURI SCHOOLS	3	0.4
STATES ADJACENT TO MISSOURI		
ILLINOIS	49	5.8
KANSAS	54	6.4
OKLAHOMA	22	2.6
KENTUCKY	9	1.1
ARKANSAS	9	1.1
IOWA	8	0.9
TENNESSEE	12	1.4
NEBRASKA	6	0.7
OTHER STATES AND CANADA	240	28.3
FOREIGN	5	0.6
NOT STATED	3	0.4
TOTAL	848	100.0

TABLE 100. ACTIVE PSYCHOLOGISTS BY MAJOR FIELD OF HIGHEST EARNED DEGREE: MISSOURI 1981

MAJOR FIELD	NUMBER	PERCENT
CLINICAL	371	43.8
COUNSELING	322	38.0
EDUCATIONAL	45	5.3
EXPERIMENTAL/PHYSIOLOGICAL	36	4.2
SCHOOL	21	2.5
DEVELOPMENTAL/SOCIAL	26	3.1
INDUSTRIAL/ORGANIZATIONAL	10	1.2
COMMUNITY	0	0.0
OTHER	16	1.9
NOT STATED	1	0.1
TOTAL	848	100.0

TABLE 101. ACTIVE PSYCHOLOGISTS BY HIGHEST EARNED DEGREE: MISSOURI 1981

DEGREE	NUMBER	PERCENT
DOCTOR OF PHILOSOPHY	522	61.6
MASTER OF ARTS, EDUCATION OR SCIENCE	228	26.9
DOCTOR OF EDUCATION	71	8.4
DOCTOR OF PSYCHOLOGY	3	0.4
OTHER DEGREE	24	2.8
NOT STATED	0	0.0
TOTAL	848	100.0

APPENDIX I. TECHNICAL NOTES

APPENDIX I. TECHNICAL NOTES

The Missouri Center for Health Statistics surveys chiropractors, dental hygienists, dentists, registered nurses, licensed practical nurses, optometrists, pharmacists, physical therapists, podiatrists, veterinarians and psychologists on a staggered schedule. The 1981 survey encompasses doctors of medicine, doctors of osteopathy, registered nurses, and psychologists. The data for all remaining occupations came from surveys conducted in 1980.

Each individual maintaining an active Missouri license in one of the 13 professions contained in this report was sent a questionnaire (Appendix IV) with the license renewal notices mailed by the licensing boards. One follow-up, for total non-response, was conducted by the licensing boards as renewal fees were received. Additional follow-up, both for total non-response and for selected items, was conducted by staff of the Missouri Center for Health Statistics with the assistance of some of the professional associations.

The total number of licensed professionals for 1981 reflects those individuals who had renewed (or obtained initial licensure) by August 31, 1981.* Actual numbers for the state may vary slightly from those reported for a variety of reasons, among them:

1. Recent deaths may not have been reported to the board in time for exclusion.

2. Renewal of an individual's license may not have been received in time for inclusion.

Small area counts, as well, may not be completely accurate in all cases. Employment address was used whenever possible to determine geographic location. When that item was not usable, however, mailing address was used in its place.

Response to these surveys is voluntary. Excellent cooperation by individual professionals and their respective boards, plus diligent follow-up by MCHS, resulted in reponse rates of well above 90 percent for every profession.

A special note should be made of the standardized unit of measure, the number of active professionals per 10,000 population, used in this report. This standardized rate provides a

simple, direct way to compare the distribution of professionals across various areas of the state. It also provides a way to compare Missouri's supply of health manpower with the national rate for each profession. But a simple provider per 10,000 population rate also disregards a multitude of differences in population and provider characteristics. It should be used with caution when drawing inferences about the adequacy of the supply of health manpower for the state or for any subarea.

The rates used in this report are based on the final 1980 census counts. These numbers are provided by the Bureau of Health Data Analysis, Missouri Division of Health.

Information concerning national rates for the various provider groups are obtained, unless otherwise noted, from Health Resources Statistics, 1976-77, DHEW PUB (PHS) 79-1509, National Center for Health Statistics, Department of Health, Education and Welfare.

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*Professions surveyed in 1980 reflect those licensed on August 31, 1980.

APPENDIX II. DEFINITIONS

APPENDIX II. DEFINITIONS

"Active," as used in this report, refers to those professionals reporting either full-time or part-time employment, with the exception of physicians who also may report being in training and active. Inactive personnel and those who did not respond are excluded from all tables, except those showing the numbers of licensed professionals by activity status. The decision to exclude non-responders was based on the follow-up experience, which indicated that most non-responders are either:

1. Totally retired from practice and, therefore, feel that the survey does not apply.

2. Recent licensees who have not yet established a practice.

"Full-time equivalent" counts for any given area reflect the sum of the "FTE scores" for practitioners in that area. Each individual's FTE score was computed from his reported hours worked per week in patient care and related administrative activities as follows:

1. If the physician did not answer the question on hours per week, but stated that he worked full-time, then 40 hours per week in patient care was assumed. Similarly, if he answered that he worked part-time, 20 hours per week in patient care was assumed. (There were, however, very few with a blank hours question.)

2. If the physician spent zero hours in patient care, he was deleted from the FTE count.

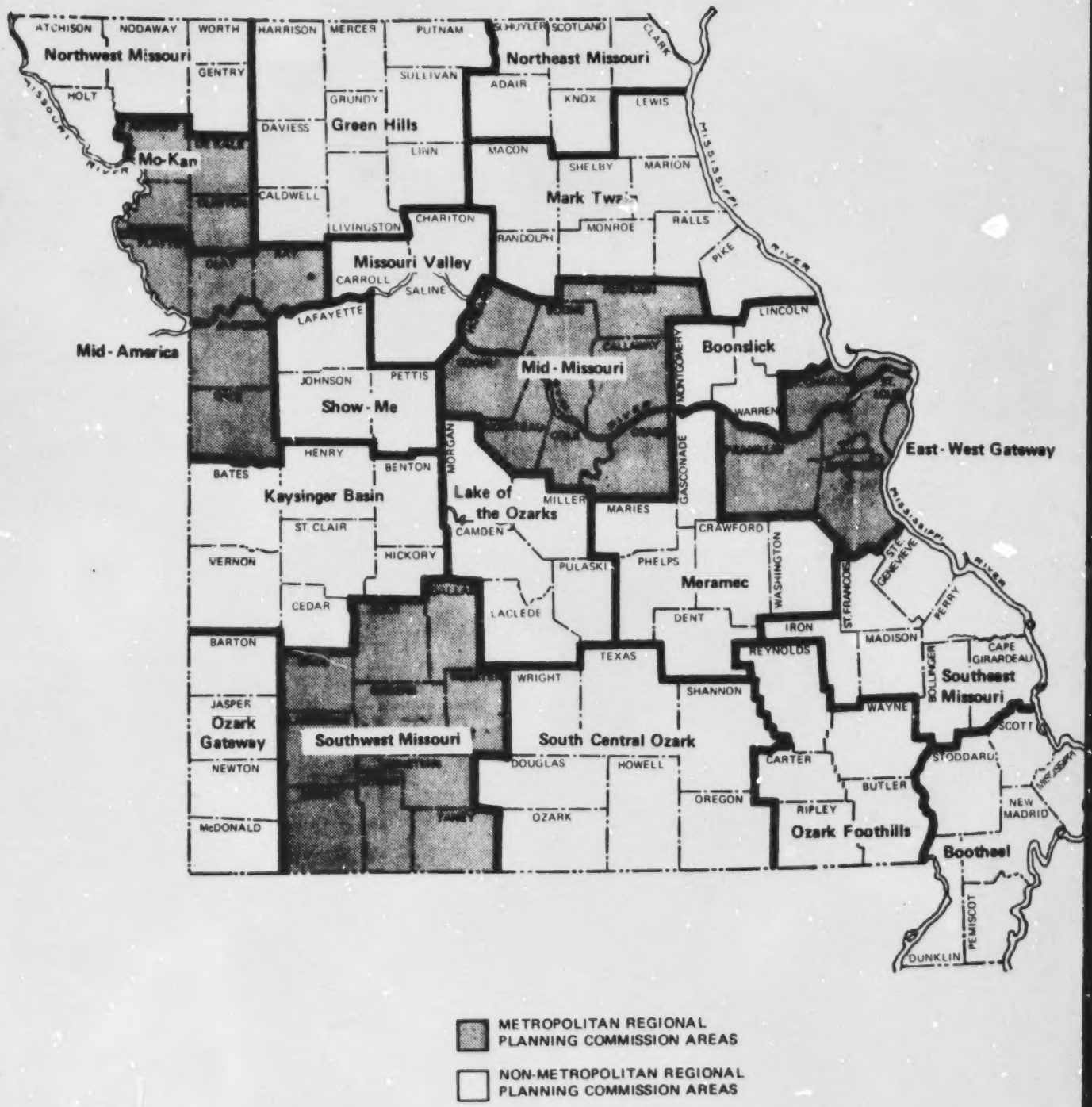
3. Using these criteria, if the physician indicated time spent in patient care then his hours in "patient care," "administration," and "other" were added together. If the total was 40 hours or more, he was counted as one full-time equivalent. If the total was less than 40 hours it was divided by 40 with the resulting figure being his FTE value.

"Primary Care" physicians include those specializing in family or general practice, internal medicine, obstetrics/gynecology, and pediatrics.

For definitions and categories of "specialty," "form of employment," and other terms used in this report, readers are referred to the surveys for each profession (Appendix IV).

APPENDIX III. MAPS

MAP 1. REGIONAL PLANNING COMMISSION AREAS



MAP 2. HEALTH SERVICE AREAS

APPENDIX IV. SURVEY INSTRUMENTS

STATE OF MISSOURI
CHIROPRACTIC SURVEY
1980

1 LICENSE NO _____

INSTRUCTIONS

PLEASE COMPLETE THIS QUESTIONNAIRE CORRECTING ANY ERRORS, AND RETURN WITH YOUR LICENSE RENEWAL APPLICATION. THE INFORMATION IS BEING REQUESTED BY THE BOARD OF CHIROPRACTIC EXAMINERS, THE DIVISION OF PROFESSIONAL REGISTRATION AND THE DIVISION OF HEALTH FOR STATE AND NATIONAL STATISTICAL STUDIES. YOUR COOPERATION IS APPRECIATED.

2 NAME _____

3 MAILING ADDRESS _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4 STATE OF RESIDENCE _____

5 RACE

1 ☐ CAUCASIAN OR WHITE
2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN OR ALASKAN NATIVE
4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (specify) _____

6 SPANISH ORIGIN OR DESCENT? 1 ☐ YES 2 ☐ NO

7 PLEASE LIST ALL STATES, OTHER THAN MISSOURI, IN WHICH YOU ARE LICENSED AS A CHIROPRACTOR _____ _____

_____ _____ _____

8 YEARS ACTIVE IN CHIROPRACTIC _____

9 WEEKS ACTIVE IN LAST 12 MONTHS _____

10 PLEASE INDICATE BOARD CERTIFICATION, DIPLOMATE STATUS ACHIEVED

1 ☐ NATIONAL BOARD OF CHIROPRACTIC EXAMINERS
2 ☐ ROENTGENOLOGY
3 ☐ ORTHOPEDICS
4 ☐ OTHER (specify) _____

11 WERE YOU ACTIVE IN CHIROPRACTIC ONE YEAR AGO?

1 ☐ NO 2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (specify)

_____
CITY COUNTY STATE ZIP

12 ARE YOU CURRENTLY ACTIVE AS A CHIROPRACTOR?

1 ☐ YES, FULL TIME
2 ☐ YES, PART TIME
3 ☐ NO, WORKING IN ANOTHER FIELD AND SEEKING WORK IN CHIROPRACTIC
4 ☐ NO, WORKING IN ANOTHER FIELD AND NOT SEEKING WORK IN CHIROPRACTIC
5 ☐ NO, UNEMPLOYED AND SEEKING WORK IN CHIROPRACTIC
6 ☐ NO, RETIRED
7 ☐ NO, HOMEMAKER
8 ☐ NO, IN TRAINING
9 ☐ NO, OTHER (specify) _____

13 IF NOT CURRENTLY ACTIVE, WHEN WERE YOU LAST ACTIVE AS A CHIROPRACTOR?

_____ / _____
MONTH YEAR

14 WHAT IS THE LOCATION OF YOUR PRIMARY PLACE OF WORK?

☐ SAME AS MAILING ADDRESS SHOWN IN ITEM THREE
☐ OTHER (specify)

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT PRIMARY LOCATION _____

15 IF YOU PRACTICE IN MORE THAN ONE LOCATION, PLEASE LIST SECONDARY EMPLOYMENT LOCATION

_____
CITY COUNTY STATE ZIP

16 PLEASE INDICATE, USING THE CODES PROVIDED BELOW, YOUR PRIMARY, SECONDARY, AND TERTIARY AREAS OF PRACTICE AND PERCENT OF TIME USUALLY SPENT IN EACH.

PRIMARY CODE	PRIMARY PERCENT %	SECONDARY CODE	SECONDARY PERCENT %	TERTIARY CODE	TERTIARY PERCENT %

SPECIALTY CODES

05 GENERAL PRACTICE 03 ROENTGENOLOGY 02 ORTHOPEDICS
04 OTHER (specify) _____

17 HOW MANY HOURS PER WEEK DO YOU USUALLY SPEND IN EACH OF THE FOLLOWING ACTIVITIES?

_____ hrs PROVIDING PATIENT CARE OR SERVICES
_____ hrs ADMINISTRATION (IN SCHOOLS, AGENCIES, ASSOCIATIONS, ETC.)
_____ hrs TEACHING CHIROPRACTIC COURSES INCLUDING COURSE PREPARATION)
_____ hrs RESEARCH
_____ hrs OTHER (specify) _____
_____ TOTAL HOURS PER WEEK

18 PRINCIPAL SETTING OF EMPLOYMENT (USE CODES ON REVERSE) _____

19 PRIMARY FORM OF EMPLOYMENT (USE CODES ON REVERSE) _____

20 APPROXIMATELY HOW MANY PATIENT VISITS ARE MADE TO YOUR OFFICE DURING A TYPICAL WORK WEEK? _____

21 PERCENT OF TIME SPENT ON THE FOLLOWING COMPLAINTS/PROBLEMS

_____ % NEURO MUSCULO-SKELETAL
_____ % GASTROINTESTINAL
_____ % CARDIOVASCULAR-RESPIRATORY
_____ % GENITO-URINARY
_____ % EYE-EAR-NOSE-THROAT
_____ % NON-SYMPTOMATIC (i.e. PREVENTIVE OR ROUTINE CARE)
_____ % OTHER (specify) _____
100%

22 HOW MANY CHIROPRACTIC ASSISTANTS DO YOU EMPLOY? (A CHIROPRACTIC ASSISTANT IS DEFINED AS BEING INVOLVED IN DIRECT PATIENT CARE)

FULL TIME ASSISTANTS (35 HOURS OR MORE PER WEEK) _____

PART-TIME ASSISTANTS (LESS THAN 35 HRS. PER WEEK) _____

18. SETTING OF EMPLOYMENT
(enter code on front of survey)

NONFEDERAL HEALTH FACILITY
15 Practitioner's Office (solo, partnership or group)
11 Hospital (except federal)
12 Nursing Home
13 Freestanding clinic (administratively distinct from hospital, nursing home, etc.)
14 Group health plan facility (such as H.M.O.)
16 Other (specify)_____

FEDERAL HEALTH FACILITY
21 Military Health Facility
22 Other federal facility (V.A., Public Health, Indian Health)

SCHOOLS
31 School of Chiropractic
33 Other university or college
34 School or treatment center for the handicapped or disabled
36 Other school (specify type)_____

MISCELLANEOUS SETTINGS
42 Medical research institution or establishment
43 Professional association
44 Administrative or regulatory health agency (licensing board, health department, etc.)
51 Manufacturing or industrial establishment
71 Other (specify)_____

19. FORM OF EMPLOYMENT
(enter code on front of survey)

SELF-EMPLOYED
11 Solo practice
12 Partnership or group practice

SALARIED, EMPLOYED BY:
21 Individual practitioner
22 Retail or wholesale trade
23 Partnership or group of practitioners
24 Group health plan facility (such as H.M.O.)
25 Other nongovernment employer (hospital, school, etc.)
35 Federal government (armed services personnel only)
34 Federal government (civilian, P.H.S., etc.)
33 State government
32 County government
31 Local government
42 Other (specify)_____

1980
STATE OF MISSOURI
DENTAL HYGIENIST SURVEY

INSTRUCTIONS

1 ACCESS NO _____

Please complete this questionnaire and return with your license renewal application. The information is being requested by the Missouri Dental Board, the Division of Professional Registration, and the Division of Health for state and national statistical studies. Your cooperation is appreciated.

2 NAME _____

3 MAILING ADDRESS _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4 RESIDENCE _____ _____
COUNTY STATE

5 RACE

1 ☐ CAUCASIAN OR WHITE
2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN OR ALASKAN NATIVE
4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (specify)_____

6 SPANISH ORIGIN OR DESCENT? 1 ☐ YES 2 ☐ NO

7 MARITAL STATUS

1 ☐ NEVER MARRIED
2 ☐ MARRIED
3 ☐ SEPARATED/DIVORCED
4 ☐ WIDOWED

8 PLEASE LIST ALL STATES, OTHER THAN MISSOURI, IN WHICH YOU ARE LICENSED AS A DENTAL HYGIENIST _____

_____ _____ _____ _____

9 DENTAL HYGIENE EDUCATIONAL PREPARATION

1 ☐ ASSOCIATE DEGREE OR TWO-YEAR PROGRAM
2 ☐ BACHELOR'S DEGREE OR FOUR-YEAR PROGRAM
3 ☐ MS IN DENTAL HYGIENE OR DENTAL HYGIENE EDUCATION
4 ☐ OTHER (specify)_____

10 HIGHEST DEGREE HELD IN OTHER FIELD

1 ☐ DIPLOMA
2 ☐ ASSOCIATE DEGREE OR TWO-YEAR PROGRAM
3 ☐ BACCALAUREATE
4 ☐ MASTER'S DEGREE
5 ☐ DOCTORATE
6 ☐ OTHER (specify)_____

11 LEGAL RESIDENCE WHEN YOU GRADUATED FROM HIGH SCHOOL (state or foreign country)_____

12 PLEASE INDICATE ANY DENTAL HYGIENE EDUCATION PROGRAM WHICH YOU HAVE COMPLETED (check all that apply)

☐ PRECEPTOR TRAINING
☐ CERTIFICATE OR DIPLOMA
☐ ASSOCIATE DEGREE
☐ BACHELOR'S DEGREE
☐ MASTER'S DEGREE
☐ OTHER (specify)_____

13 NUMBER OF YEARS ACTIVE IN DENTAL HYGIENE SINCE YOU WERE FIRST LICENSED _____ years

14 WEEKS ACTIVE (ONE OR MORE HOURS PER WEEK) DURING PAST 12 MONTHS INCLUDE PAID VACATION AND SICK LEAVE _____ weeks

15 IF NOT CURRENTLY ACTIVE, WHEN WERE YOU LAST ACTIVE?

_____/_____
MONTH YEAR

16 WERE YOU ACTIVE AS A DENTAL HYGIENIST ONE YEAR AGO?

1 ☐ NO
2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (specify)

_____
CITY COUNTY STATE ZIP

17 ARE YOU CURRENTLY ACTIVE AS A DENTAL HYGIENIST?

1 ☐ YES, FULL TIME
2 ☐ YES, PART TIME
3 ☐ NO, WORKING IN ANOTHER FIELD AND SEEKING WORK IN DENTAL HYGIENE
4 ☐ NO, WORKING IN ANOTHER FIELD AND NOT SEEKING WORK IN DENTAL HYGIENE
5 ☐ NO, UNEMPLOYED AND SEEKING WORK IN DENTAL HYGIENE
6 ☐ NO, RETIRED
7 ☐ NO, HOMEMAKER
8 ☐ NO, IN TRAINING
9 ☐ NO, OTHER (specify)_____

18 PRIMARY PLACE OF EMPLOYMENT

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT PRIMARY LOCATION_____

19 IF YOU PRACTICE IN MORE THAN ONE LOCATION PLEASE LIST SECONDARY EMPLOYMENT LOCATION

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT SECONDARY LOCATION_____

20 IN HOW MANY DIFFERENT DENTAL OFFICES DO YOU CURRENTLY WORK?_____

21 ARE YOU CURRENTLY PROVIDING CLINICAL CARE? 1 ☐ YES 2 ☐ NO

22 FOR EACH TYPE OF DENTIST LISTED BELOW, INDICATE THE NUMBER OF DENTISTS FOR WHOSE PATIENTS YOU PROVIDE CARE.

_____ TOTAL
_____ GENERAL PRACTITIONER
_____ PERIODONTIST
_____ PEDODONTIST
_____ OTHER SPECIALISTS

23 INDICATE YOUR PRINCIPAL EMPLOYER

1 ☐ DENTIST(S)
2 ☐ STATE GOVERNMENT
3 ☐ FEDERAL GOVERNMENT
4 ☐ LOCAL GOVERNMENT
5 ☐ PRIVATE INDUSTRY
6 ☐ OTHER (specify)_____

24 INDICATE YOUR PRINCIPAL EMPLOYMENT SETTING

1 ☐ PRIVATE DENTAL OFFICE
2 ☐ DENTAL OR DENTAL AUXILIARY SCHOOL OR EDUCATIONAL PROGRAM
3 ☐ ELEMENTARY OR SECONDARY SCHOOL
4 ☐ CLINIC
5 ☐ INSTITUTION
6 ☐ OTHER (specify)_____

25 IN AN AVERAGE WEEK DURING THE PAST 12 MONTHS, INDICATE THE HOURS SPENT IN THE FOLLOWING ACTIVITIES

_____ TOTAL
_____ ORAL PROPHYLAXIS
_____ ORAL HYGIENE INSPECTIONS
_____ ORAL HEALTH INSTRUCTION
_____ OTHER DIRECT PATIENT SERVICES
_____ TEACHING DENTAL AND/OR DENTAL AUXILIARY STUDENTS
_____ ADMINISTRATION
_____ OTHER (specify)_____

1980
STATE OF MISSOURI
DENTIST SURVEY

INSTRUCTIONS

Please complete this questionnaire, correcting any errors, and return with your license renewal application. The information is being requested by the Missouri Dental Board, the Division of Professional Registration, and the Division of Health for state and national statistical studies. Your cooperation is appreciated.

1. LICENSE NO. _____

2. NAME _____

3. ADDRESS _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4. RESIDENCE _____ _____
COUNTY STATE

5. RACE

1 ☐ CAUCASIAN OR WHITE
2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN OR ALASKAN NATIVE
4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (specify) _____

6. SPANISH ORIGIN OR DESCENT? 1 ☐ YES 2 ☐ NO

7. PLEASE LIST ALL STATES, OTHER THAN MISSOURI, IN WHICH YOU ARE LICENSED AS A DENTIST

_____ _____ _____

8. IN WHAT STATE (FOREIGN COUNTRY) WERE YOU A LEGAL RESIDENT AT THE TIME YOU GRADUATED FROM HIGH SCHOOL?

_____

9. WEEKS ACTIVE IN DENTISTRY DURING PAST 12 MONTHS _____ WKS

10. WERE YOU ACTIVE IN DENTISTRY ONE YEAR AGO?

1 ☐ NO
2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (SPECIFY)

_____
CITY COUNTY STATE ZIP

11. ARE YOU CURRENTLY ACTIVE IN DENTISTRY?

1 ☐ YES, FULL TIME
2 ☐ YES, PART TIME
3 ☐ NO, WORKING IN ANOTHER FIELD AND SEEKING WORK IN DENTISTRY
4 ☐ NO, WORKING IN ANOTHER FIELD AND NOT SEEKING WORK IN DENTISTRY
5 ☐ NO, UNEMPLOYED AND SEEKING WORK IN DENTISTRY
6 ☐ NO, RETIRED
7 ☐ NO, HOMEMAKER
8 ☐ NO, IN TRAINING
9 ☐ NO, OTHER (specify) _____

12. IF NOT CURRENTLY ACTIVE, WHEN WERE YOU LAST ACTIVE IN DENTISTRY?

_____ / _____
MONTH YEAR

13. WHAT IS THE LOCATION OF YOUR PRIMARY PLACE OF WORK?

☐ SAME AS MAILING ADDRESS SHOWN IN ITEM THREE
☐ OTHER (specify)

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT PRIMARY LOCATION _____

14. IF YOU PRACTICE IN MORE THAN ONE LOCATION PLEASE LIST SECONDARY EMPLOYMENT LOCATION

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT SECONDARY LOCATION _____

15. WHAT CATEGORY BEST DESCRIBES YOUR AREA OF DENTAL PRACTICE?

2 ☐ ENDODONTIST
1 ☐ GENERAL PRACTICE
3 ☐ ORAL PATHOLOGIST
4 ☐ ORAL SURGEON
5 ☐ ORTHODONTIST
6 ☐ PEDODONTIST
7 ☐ PERIODONTIST
8 ☐ PROSTHODONTIST
9 ☐ PUBLIC HEALTH

16. PRINCIPAL SETTING OF EMPLOYMENT

1 ☐ PRIVATE OFFICE
2 ☐ DENTAL SCHOOL
3 ☐ CLINIC
4 ☐ HOSPITAL
5 ☐ OTHER INSTITUTION
6 ☐ OTHER _____

17. PRIMARY FORM OF EMPLOYMENT

SELF-EMPLOYED
1 ☐ SOLO PRACTICE
2 ☐ NON-SOLO PRACTICE

EMPLOYED BY
3 ☐ OTHER DENTIST(S)
4 ☐ STATE GOVERNMENT
5 ☐ FEDERAL GOVERNMENT
6 ☐ OTHER (specify) _____

18. HOW MANY HOURS PER WEEK DO YOU USUALLY SPEND IN EACH OF THE FOLLOWING DENTAL ACTIVITIES?

_____ hrs. PROVIDING PATIENT CARE OR SERVICES
_____ hrs. ADMINISTRATION
_____ hrs. TEACHING
_____ hrs. RESEARCH
_____ hrs. OTHER (specify) _____
_____ TOTAL HOURS PER WEEK

19. FORMAL ADVANCED TRAINING COMPLETED OTHER THAN DENTAL DEGREE (CHECK ALL THAT APPLY)

DENTAL
☐ NO ADVANCED TRAINING
☐ GENERAL PRACTICE RESIDENCY/INTERNSHIP
☐ SPECIALTY TRAINING CERTIFICATE
☐ MASTER'S DEGREE
☐ OTHER (specify) _____

NON-DENTAL
☐ NO ADVANCED TRAINING
☐ MASTER'S DEGREE
☐ DOCTORATE
☐ OTHER (specify) _____

20. NUMBER OF AUXILIARY PERSONNEL (WHO PERFORM TECHNICAL DUTIES BEYOND THOSE OF SECRETARY/RECEPTIONIST) YOU EMPLOY:

HYGIENISTS _____ DENT ASST'S _____ DENT LAB TECHS _____

COMPLETION OF THIS FORM IS NOT A REQUIREMENT FOR LICENSE RENEWAL.

STATE OF MISSOURI
1981 M.D. PHYSICIAN SURVEY

PLEASE COMPLETE THIS QUESTIONNAIRE, CORRECTING ANY ERRORS, AND RETURN WITH YOUR LICENSE RENEWAL APPLICATION. THE INFORMATION IS BEING REQUESTED BY THE DIVISION OF HEALTH AND THE BOARD OF HEALING ARTS, FOR STATE AND NATIONAL STATISTICAL STUDIES.

YOUR COOPERATION IS APPRECIATED.

1. LICENSE NUMBER _____

2. NAME _____

3. MAILING _____
STREET
ADDRESS _____
CITY COUNTY ST ZIP

4. STATE OF RESIDENCE
|_|_|_| _____

5. STATE OF RESIDENCE AT TIME OF HIGH SCHOOL GRADUATION
|_|_|_| _____

6. DATE OF BIRTH ____/____/____

7. MEDICAL EDUCATION:
YEAR M.D. DEGREE RECEIVED _____

NAME OF SCHOOL _____
LOCATION (STATE OR FOREIGN COUNTRY)

_____
|_|_|_| |_|_|_|_|_|

8. HOW MANY YEARS HAVE YOU BEEN ACTIVE IN THE MEDICAL PROFESSION? _____YRS

9. WERE YOU ACTIVE IN MEDICINE ONE YR AGO?
1 |_| NO
2 |_| YES, SAME LOCATION AS NOW
3 |_| YES, DIFFERENT LOCATION (SPECIFY)

_____
CITY COUNTY ST ZIP
|_|_|_|_|_| |_|_|_| |_|_|_| |_|_|_|_|

10. ARE YOU CURRENTLY ACTIVE IN MEDICINE?
1 |_| YES, EMPLOYED FULL TIME
2 |_| YES, EMPLOYED PART TIME
4 |_| YES, IN TRAINING
3 |_| NO, RETIRED
5 |_| NO, OTHER (SPECIFY)_____

IF NOT CURRENTLY, ACTIVE PLEASE ENTER DATE LAST ACTIVE _____/_____
MONTH YEAR

11. HOW MANY WEEKS DID YOU WORK IN MEDICINE DURING THE PAST 12 MONTHS (ONE OR MORE HOURS PER WEEK)? _____WKS

12. PRIMARY PLACE OF EMPLOYMENT:
|_| SAME AS MAILING ADDRESS
|_| OTHER (SPECIFY BELOW)

_____
STREET

_____
CITY COUNTY ST ZIP

HOURS/WEEK AT PRIMARY LOCATION _____HRS

|_|_|_|_|_|_| |_|_|_| |_|_|_| |_|_|_|_|

13. IF YOU PRACTICE IN MORE THAN ONE LOCATION, PLEASE LIST SECONDARY LOCATION.

_____
CITY COUNTY STATE ZIP

HOURS/WEEK AT SECONDARY LOCATION _____HRS

|_|_|_|_|_|_| |_|_|_| |_|_|_| |_|_|_|_|

14. PLEASE INDICATE YOUR PRIMARY, SECONDARY, AND TERTIARY SPECIALTIES AND PERCENT OF TIME SPENT IN EACH, USING THE CODES ON BACK OF THIS FORM.

	CODE	PER CENT	BOARD CERTIFIED	BOARD ELIGIBLE
PRIMARY	|_|_|	|_|_|_|	1 |_|	2 |_|
SECNDRY	|_|_|	|_|_|	1 |_|	2 |_|
TERTIARY	|_|_|	|_|_|	1 |_|	2 |_|

15. HOW MANY HOURS PER WEEK DO YOU SPEND IN EACH OF THE FOLLOWING ACTIVITIES?

|_|_|_| HRS PATIENT CARE OR SERVICES

|_|_|_| HRS ADMINISTRATION (SCHOOLS, AGENCIES, ASSOCIATIONS, ETC)

|_|_|_| HRS TEACHING MEDICAL COURSES

|_|_|_| HRS RESEARCH

|_|_|_| HRS RETAIL OR WHOLESALE TRADE

|_|_|_| HRS OTHER (SPECIFY)_____

|_|_|_| TOTAL HOURS PER WEEK

16. SETTING OF EMPLOYMENT
(USE CODES ON BACK OF FORM) |_|_|

17. FORM OF EMPLOYMENT
(USE CODES ON BACK OF FORM) |_|_|

18. IN ORDER TO ASSESS THE IMPACT OF THE GENERIC DRUG ACT, THE BOARD OF HEALING ARTS REQUESTS THE FOLLOWING ANSWERS:

1 OF ALL ORAL MEDICATIONS YOU PRESCRIBE WHAT PERCENT DO YOU DISPENSE, EXCLUDING SAMPLES? |_|_|_| %

2 PERCENTAGE OF TIME YOU PRESCRIBE GENERIC DRUGS? |_|_|_| %

3 PERCENT OF TIME YOU PERMIT GENERIC SUBSTITUTIONS? |_|_|_| %

1981 M.D. PHYSICIAN SURVEY

14. SPECIALTY CODES [Source: American Medical Association]

01 Aerospace Medicine
02 Allergy
03 Anesthesiology
04 Broncho-Esophagology
05 Cardiovascular Diseases
06 Dermatology
07 Diabetes
08 Emergency Medicine
09 Endocrinology
10 Family Practice
11 Gastroenterology
12 General Practice
13 General Preventive Medicine
14 Geriatrics
15 Gynecology
16 Hematology
17 Hypnosis
70 Immunology
18 Infectious Diseases
19 Internal Medicine
20 Laryngology
21 Legal Medicine
22 Neoplastic Diseases
23 Nephrology
24 Neurology
25 Neurology Child
26 Neuropathology
27 Nuclear Medicine
28 Nutrition
29 Obstetrics
30 Obstetrics & Gyne.
31 Occupational Medicine
71 Oncology
32 Ophtalmology
33 Otology
34 Otorhinolaryngology
35 Pathology
36 Pathology, Clinical
37 Pathology, Forensic
38 Pediatrics
39 Pediatrics, Allergy
40 Pediatrics, Cardiology
41 Pharmacology, Clin.
42 Phys. Med. & Rehab.
43 Psychiatry
44 Psychiatry, Child
45 Psychoanalysis
46 Psychosomatic Med.
47 Public Health
48 Pulmonary Diseases
49 Radiology
50 Radiology, Diagnostic
51 Radiology, Pediatric
52 Radiology, Therapeutic
53 Rheumatology
54 Rhinology
56 Surgery, Abdominal
57 Surgery, Cardiovascular
58 Surgery, Colon and Rectal
59 Surgery, General
60 Surgery, Hand
61 Surgery, Head and Neck
62 Surgery, Neurological
63 Surgery, Orthopedic
64 Surgery, Pediatric
65 Surgery, Plastic
66 Surgery, Thoracic
67 Surgery, Traumatic
68 Surgery, Urological
69 Other (specify) _____

16. SETTING OF EMPLOYMENT

Nonfederal Health Facility
15 — Practitioner's Office (solo, partnership or group)
11 — Hospital (except federal)
12 — Nursing Home
13 — Freestanding clinic (administratively distinct from hospital, nursing home, etc.)
14 — Group health plan facility (such as H.M.O.)
Federal Health Facility
21 — Military Health Facility
22 — Other federal facility (V.A., Public Health, Indian Health)
Schools
31 — School of medicine
33 — Other university or college
34 — School or treatment center for the handicapped or disabled
36 — Other school (specify type) _____
Miscellaneous Settings
42 — Medical research institution or establishment
43 — Professional association
44 — Administrative or regulatory health agency (licensing board, health department, etc.)
51 — Manufacturing or industrial establishment
71 — Other (specify) _____

17. FORM OF EMPLOYMENT

Self-Employed
11 — Solo Practice
12 — Partnership or group practice
Salaried, Employed By
21 — Individual practitioner
23 — Partnership or group of practitioners
24 — Group health plan facility (such as H.M.O.)
25 — Other nongovernment employer (hospital, school, etc.)
35 — Federal government — (armed services personnel only)
34 — Federal government (civilian, P.H.S., etc.)
33 — State government
32 — County government
31 — Local government
42 — Other (specify) _____

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COMPLETION OF THIS FORM IS NOT A REQUIREMENT FOR LICENSE RENEWAL.

STATE OF MISSOURI
1981 D.O. PHYSICIAN SURVEY

PLEASE COMPLETE THIS QUESTIONNAIRE, CORRECTING ANY ERRORS, AND RETURN WITH YOUR LICENSE RENEWAL APPLICATION. THE INFORMATION IS BEING REQUESTED BY THE DIVISION OF HEALTH AND THE BOARD OF HEALING ARTS, FOR STATE AND NATIONAL STATISTICAL STUDIES.

YOUR COOPERATION IS APPRECIATED.

1. LICENSE NUMBER _____

2. NAME _____

3. MAILING _____
STREET
ADDRESS _____
CITY COUNTY ST ZIP

4. STATE OF RESIDENCE
|_|_|_| _____

5. STATE OF RESIDENCE AT TIME OF HIGH SCHOOL GRADUATION
|_|_|_| _____

6. DATE OF BIRTH ____/____/____

7. MEDICAL EDUCATION:
YEAR D.O. DEGREE RECEIVED _____

NAME OF SCHOOL _____
LOCATION (STATE OR FOREIGN COUNTRY)

_____
|_|_|_| |_|_|_|_|_|

8. HOW MANY YEARS HAVE YOU BEEN ACTIVE IN THE MEDICAL PROFESSION? _____YRS

9. WERE YOU ACTIVE IN MEDICINE ONE YR AGO?
1 |_| NO
2 |_| YES, SAME LOCATION AS NOW
3 |_| YES, DIFFERENT LOCATION (SPECIFY)

_____
CITY COUNTY ST ZIP
|_|_|_|_|_| |_|_|_| |_|_| |_|_|_|_|

10. ARE YOU CURRENTLY ACTIVE IN MEDICINE?
1 |_| YES, EMPLOYED FULL TIME
2 |_| YES, EMPLOYED PART TIME
4 |_| YES, IN TRAINING
3 |_| NO, RETIRED
5 |_| NO, OTHER (SPECIFY)_____

IF NOT CURRENTLY, ACTIVE PLEASE ENTER DATE LAST ACTIVE _____/_____
MONTH YEAR

11. HOW MANY WEEKS DID YOU WORK IN MEDICINE DURING THE PAST 12 MONTHS (ONE OR MORE HOURS PER WEEK)? _____WKS

12. PRIMARY PLACE OF EMPLOYMENT:
|_| SAME AS MAILING ADDRESS
|_| OTHER (SPECIFY BELOW)

_____
STREET

_____
CITY COUNTY ST ZIP

HOURS/WEEK AT PRIMARY LOCATION _____HRS

|_|_|_|_|_| |_|_|_| |_|_|_| |_|_|_|_|

13. IF YOU PRACTICE IN MORE THAN ONE LOCATION, PLEASE LIST SECONDARY LOCATION.

_____
CITY COUNTY STATE ZIP

HOURS/WEEK AT SECONDARY LOCATION _____HRS

|_|_|_|_|_| |_|_|_| |_|_|_| |_|_|_|_|

14. PLEASE INDICATE YOUR PRIMARY, SECONDARY, AND TERTIARY SPECIALTIES AND PERCENT OF TIME SPENT IN EACH, USING THE CODES ON BACK OF THIS FORM.

	CODE	PER CENT	BOARD CERTIFIED	BOARD ELIGIBLE
PRIMARY	|_|_|	|_|_|_|	1 |_|	2 |_|
SECNDRY	|_|_|	|_|_|	1 |_|	2 |_|
TERTIARY	|_|_|	|_|_|	1 |_|	2 |_|

15. HOW MANY HOURS PER WEEK DO YOU SPEND IN EACH OF THE FOLLOWING ACTIVITIES?

|_|_|_| HRS PATIENT CARE OR SERVICES

|_|_|_| HRS ADMINISTRATION (SCHOOLS, AGENCIES, ASSOCIATIONS, ETC)

|_|_|_| HRS TEACHING MEDICAL COURSES

|_|_|_| HRS RESEARCH

|_|_|_| HRS RETAIL OR WHOLESALE TRADE

|_|_|_| HRS OTHER (SPECIFY)_____

|_|_|_| TOTAL HOURS PER WEEK

16. SETTING OF EMPLOYMENT
(USE CODES ON BACK OF FORM) |_|_|

17. FORM OF EMPLOYMENT
(USE CODES ON BACK OF FORM) |_|_|

18. IN ORDER TO ASSESS THE IMPACT OF THE GENERIC DRUG ACT, THE BOARD OF HEALING ARTS REQUESTS THE FOLLOWING ANSWERS:

1 OF ALL ORAL MEDICATIONS YOU PRESCRIBE WHAT PERCENT DO YOU DISPENSE, EXCLUDING SAMPLES? |_|_|_| %

2 PERCENTAGE OF TIME YOU PRESCRIBE GENERIC DRUGS? |_|_|_| %

3 PERCENT OF TIME YOU PERMIT GENERIC SUBSTITUTIONS? |_|_|_| %

1981 D.O. PHYSICIAN SURVEY

14. SPECIALTY CODES [Source: American Osteopathic Association]

01 Allergy
02 Anesthesiology
04 Dermatology
06 Diseases, Cardiovascular
08 Diseases, Pulmonary
09 Endocrinology
10 Gastroenterology
11 General Practice
13 Gynecology
14 Hematology
60 Manipulative Therapy
15 Medicine, Occupational
16 Medicine, Internal
18 Neurology
19 Neuropsychiatry
21 Obstetrics
22 Obstetrics & Gynecology
23 Ophthalmology
27 Otorhinolaryngology
29 Pathology, Anatomic
32 Pathology, Clinical
33 Pathology, Forensic
34 Pediatrics
35 Phys. Med. & Rehab.
36 Proctology
37 Psychiatry
39 Public Health
41 Radioactive Isotopes
42 Radiology
43 Rheumatology
44 Roentgenology
45 Roentgenology, Diagnostic
47 Sclerotherapy
48 Surgery
48 Surgery, Cardiovascular
51 Surgery, Neurological
52 Surgery, OB/GYN
53 Surgery, Orthopedic
55 Surgery, Plastic
56 Surgery, Thoracic
57 Surgery, Urological
58 Urology
59 Other (Specify)

16. SETTING OF EMPLOYMENT

Nonfederal Health Facility
15 — Practitioner's Office (solo, partnership or group)
11 — Hospital (except federal)
12 — Nursing Home
13 — Freestanding clinic (administratively distinct from hospital, nursing home, etc.)
14 — Group health plan facility (such as H.M.O.)
Federal Health Facility
21 — Military Health Facility
22 — Other federal facility (V.A., Public Health, Indian Health)
Schools
31 — School of medicine
33 — Other university or college
34 — School or treatment center for the handicapped or disabled
36 — Other school (specify type) _____
Miscellaneous Settings
42 — Medical research institution or establishment
43 — Professional association
44 — Administrative or regulatory health agency (licensing board, health department, etc.)
51 — Manufacturing or industrial establishment
71 — Other (specify) _____

17. FORM OF EMPLOYMENT

Self-Employed
11 — Solo Practice
12 — Partnership or group practice
Salaried, Employed By
21 — Individual practitioner
23 — Partnership or group of practitioners
24 — Group health plan facility (such as H.M.O.)
25 — Other nongovernment employer (hospital, school, etc.)
35 — Federal government — (armed services personnel only)
34 — Federal government (civilian, P.H.S., etc.)
33 — State government
32 — County government
31 — Local government
42 — Other (specify) _____

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STATE OF MISSOURI
1981 REGISTERED NURSE SURVEY

PLEASE COMPLETE THIS QUESTIONNAIRE, CORRECTING ANY ERRORS, AND RETURN WITH YOUR LICENSE RENEWAL APPLICATION. THE INFORMATION WHILE NOT REQUIRED FOR RELICENSURE IS BEING REQUESTED BY THE DIVISION OF HEALTH AND THE STATE BOARD OF NURSING, FOR STATE AND NATIONAL STATISTICAL STUDIES.

YOUR COOPERATION IS APPRECIATED.

1. LICENSE NUMBER _____

2. NAME _____

3. MAILING _____
STREET

ADDRESS _____
CITY COUNTY ST ZIP

4. RESIDENCE ADDRESS:
|_| SAME AS MAILING ADDRESS
|_| OTHER (SPECIFY BELOW)

_____
CITY COUNTY ST ZIP

5. RACE: (CHECK ONE)
1 |_| CAUCASIAN OR WHITE
2 |_| NEGRO OR BLACK
5 |_| OTHER (SPECIFY)_____

6. MARITAL STATUS: (CHECK ONE)
1 |_| NEVER MARRIED
2 |_| MARRIED
3 |_| SEPARATED/DIVORCED
4 |_| WIDOWED

7. BASIC NURSING EDUCATION: (CHECK ONE)
1 |_| DIPLOMA
2 |_| ASSOCIATE DEGREE
3 |_| BACCALAUREATE OR HIGHER
4 |_| OTHER (SPECIFY)_____

8. HIGHEST DEGREE HELD: (CHECK ONE)
1 |_| DIPLOMA
2 |_| ASSOCIATE DEGREE IN NURSING
8 |_| ASSOCIATE DEGREE IN ANOTHER FIELD
3 |_| BACCALAUREATE IN NURSING
4 |_| BACCALAUREATE IN ANOTHER FIELD
5 |_| MASTERS IN NURSING
6 |_| MASTERS IN ANOTHER FIELD
7 |_| DOCTORATE (PH.D.,ED.D,D.N.SC,ETC.)

9. NURSING EDUCATION:
YEAR R.N. DEGREE RECEIVED _____

NAME OF SCHOOL _____

LOCATION (STATE OR FOREIGN COUNTRY)

_____

10. DO YOU PLAN TO OBTAIN AN ADVANCED DEGREE?
1 |_| NO
2 |_| YES, IN NURSING
3 |_| YES, IN ANOTHER FIELD

IF YES, WHEN?_____

11. HOW MANY YEARS HAVE YOU BEEN ACTIVE IN THE NURSING PROFESSION?
_____YRS

12. HOW MANY WEEKS DID YOU WORK IN NURSING DURING THE PAST 12 MONTHS INCLUDING SICK LEAVE AND VACATION?
_____WKS

13. ARE YOU CURRENTLY ACTIVE IN NURSING?
1 |_| YES-EMPLOYED FULL-TIME
2 |_| YES-EMPLOYED PART-TIME
3 |_| NO-EMPLOYED OUTSIDE NURSING FULL-TIME
4 |_| NO-EMPLOYED OUTSIDE NURSING PART-TIME
5 |_| NO-UNEMPLOYED
6 |_| NO-RETIRED
7 |_| NO-HOMEMAKER
8 |_| NO-IN TRAINING
0 |_| NO-OTHER (SPECIFY)_____

14. AVERAGE HOURS PER WEEK WORKED IN THE PAST 12 MONTHS IN NURSING? _____HRS

15. WERE YOU ACTIVE IN NURSING ONE YEAR AGO?
1 |_| NO
2 |_| YES, SAME LOCATION AS NOW
3 |_| YES, DIFFERENT LOCATION (SPECIFY)

_____
STREET

_____
CITY COUNTY ST ZIP

16. PRIMARY PLACE OF EMPLOYMENT:

_____
STREET

_____
CITY COUNTY ST ZIP

17. FIELD OR PLACE OF EMPLOYMENT: (CHECK ONE)
01 |_| HOSPITAL
02 |_| NURSING HOME
03 |_| SCHOOL OF NURSING (RN)
11 |_| SCHOOL OF NURSING (LPN)
04 |_| PRIVATE DUTY
05 |_| SCHOOL NURSE
06 |_| OCCUPATIONAL HEALTH NURSE
07 |_| OFFICE NURSE (DOCTOR,DENTIST,ETC)
08 |_| COMMUNITY HEALTH (EXCEPT SCHOOL RN)
09 |_| SELF-EMPLOYED (EXCEPT PRIVATE DUTY)
10 |_| OTHER (SPECIFY)_____

18. TYPE OF POSITION: (CHECK ONE)
01 |_| ADMINISTRATOR OR ASST. ADMIN.
02 |_| CONSULTANT
03 |_| SUPERVISOR OR ASST. SUPERVISOR
04 |_| INSTRUCTOR
05 |_| HEAD NURSE OR ASST. HEAD NURSE
06 |_| GENERAL DUTY OR STAFF
07 |_| NURSE ASSOCIATE / PRACTITIONER
IF CERTIFIED, BY WHOM?
08 |_| CLINICAL SPECIALIST (MSTR'S DEGREE)
10 |_| NURSE ANESTHETIST
11 |_| SURGICAL ASST/SCRUB NURSE
09 |_| OTHER (SPECIFY)_____

19. CLINICAL TEACHING OR PRACTICE AREA:
01 |_| COMMUNITY HEALTH (PUBLIC HEALTH)
02 |_| GENERAL PRACTICE
03 |_| GERIATRIC
04 |_| OBSTETRIC/GYNECOLOGIC
05 |_| MEDICAL/SURGICAL
06 |_| PEDIATRIC
07 |_| PSYCHIATRIC/MENTAL HEALTH
08 |_| OTHER (SPECIFY)_____

STATE OF MISSOURI
LPN SURVEY
1980

INSTRUCTIONS

Please complete this questionnaire, CORRECTING ANY ERRORS, and return with your license renewal application. The information, while not required for relicensure, is being requested through cooperative efforts of the Division of Health and the State Board of Nursing, Division of Professional Registration, for state and national statistical studies. Provision of Social Security No. is voluntary. It will be provided to the National Center for Health Statistics and/or The American Nurses' Association for use in unduplicating records on the national level. Unduplication is necessary for accurate national statistics since many nurses maintain licensure in more than one State. Your cooperation is appreciated.

1. ACCESS NUMBER_____ 2. SOCIAL SECURITY NUMBER_____

3. NAME_____

4. MAILING ADDRESS_____
NUMBER AND STREET

CITY COUNTY STATE ZIP

5. RESIDENCE ADDRESS
☐ SAME AS MAILING ADDRESS
☐ OTHER (Specify)

NUMBER STREET

CITY COUNTY STATE ZIP

6. SPANISH ORIGIN OR DESCENT? 1☐ YES 2☐ NO

7. RACE:
1☐ CAUCASIAN OR WHITE
2☐ NEGRO OR BLACK
3☐ AMERICAN INDIAN OR ALASKAN NATIVE
4☐ ASIAN OR PACIFIC ISLANDER
5☐ OTHER (Specify)_____

8. MARITAL STATUS:
1☐ NEVER MARRIED
2☐ MARRIED
3☐ SEPARATED/DIVORCED
4☐ WIDOWED

9. STATES OTHER THAN MISSOURI IN WHICH YOU HOLD AN L.P.N. LICENSE_____

10. DID YOU GRADUATE FROM A PRACTICAL OR VOCATIONAL NURSING PROGRAM? 1☐ YES 2☐ NO

11. HIGHEST EDUCATION COMPLETED:
1☐ LESS THAN HIGH SCHOOL DIPLOMA
2☐ HIGH SCHOOL DIPLOMA OR EQUIVALENT
3☐ ASSOCIATE DEGREE
4☐ BACCALAUREATE OR HIGHER

12. R.N. EDUCATION PROGRAM:
1☐ NO COURSES TOWARD R.N. LICENSURE
2☐ HAVE TAKEN SOME R.N. COURSES
3☐ CURRENTLY ENROLLED IN R.N. EDUCATION PROGRAM
4☐ I HOLD AN ACTIVE R.N. LICENSE IN

STATE OR FOREIGN COUNTRY

13. WERE YOU ACTIVE IN NURSING ONE YEAR AGO?
1☐ NO
2☐ YES, SAME LOCATION AS NOW
3☐ YES, DIFFERENT PRACTICE LOCATION (Specify)

CITY COUNTY STATE ZIP

14. APPROXIMATELY HOW MANY WEEKS DID YOU WORK IN NURSING DURING THE PAST 12 MONTHS INCLUDING PAID VACATION AND SICK LEAVE? (ACTIVE IS DEFINED AS ONE OR MORE HOURS PER WEEK.)_____

15. ARE YOU CURRENTLY ACTIVE IN NURSING?
1☐ YES, FULL TIME
2☐ YES, PART TIME

AVERAGE HOURS YOU WORKED PER WEEK IN PAST 12 MONTHS_____

3☐ NO, EMPLOYED OUTSIDE NURSING FULL TIME
4☐ NO, EMPLOYED OUTSIDE NURSING PART TIME
5☐ NO, UNEMPLOYED
6☐ NO, RETIRED
7☐ NO, HOMEMAKER
8☐ NO, IN TRAINING
9☐ OTHER (Specify)_____

16. IF NOT EMPLOYED IN NURSING, ARE YOU SEEKING EMPLOYMENT IN NURSING?
1☐ YES
2☐ NO
IF YES, HOW LONG? _____ WEEKS OR _____ MONTHS

18. PRIMARY PLACE OF EMPLOYMENT

NUMBER AND STREET

CITY COUNTY STATE ZIP

19. PRINCIPAL FIELD/PLACE OF EMPLOYMENT
1☐ HOSPITAL
2☐ NURSING HOME
3☐ PRIVATE DUTY NURSING
4☐ INDUSTRY
5☐ OFFICE (PHYSICIAN OR DENTIST)
6☐ COMMUNITY/PUBLIC HEALTH
7☐ OTHER (SPECIFY)_____

20. MAJOR AREA OF WORK IN NURSING
1☐ GENERALIZED COMMUNITY/PUBLIC HEALTH
2☐ GENERAL PRACTICE
3☐ GERIATRIC
4☐ OBSTETRIC/GYNECOLOGIC
5☐ MEDICAL/SURGICAL
6☐ PEDIATRIC
7☐ PSYCHIATRIC/MENTAL HEALTH
8☐ PRIVATE DUTY
9☐ OTHER (SPECIFY)_____

1980
STATE OF MISSOURI
OPTOMETRIST SURVEY

INSTRUCTIONS

Please complete this questionnaire and return with your license renewal application. The information is being requested by the State Optometry Board, the Division of Professional Registration, and the Division of Health for state and national statistical studies. Your cooperation is appreciated.

1. License No. _____

2. Name _____

3. Address _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4. State of residence _____

5. Race:
1☐ Caucasian or White 2☐ Negro or Black
3☐ American Indian or Alaskan Native 4☐ Asian or Pacific Islander
5☐ Other *(specify)* _____

6. Spanish origin or descent? 1☐ Yes 2☐ No

7. Last name at birth _____

8. State or foreign country of birth _____

9. Please list all states, other than Missouri, in which you are licensed as an optometrist:
_____ _____
_____ _____ _____

10. Years active in optometry including teaching, research, and administration since licensure _____

11. Weeks active (one or more hours per week) during the past 12 months _____

12. What nonoptometric degrees have you received? (check all that apply)
☐ None ☐ Other master's degree
☐ Baccalaureate ☐ Doctorate in public health
☐ Master's in public health ☐ Other doctorate
☐ Other *(specify)* _____

13. Were you active in optometry one year ago?
1☐ No 2☐ Yes, same location as now
3☐ Yes, different practice location *(specify)*

_____
CITY COUNTY STATE ZIP

14. Are you currently active in optometry?
1☐ Yes, full time 5☐ No, unemployed and seeking work in optometry
2☐ Yes, part time
3☐ No, working in another field and seeking work in optometry 6☐ No, retired
7☐ No, homemaker
8☐ No, in training
4☐ No, working in another field and not seeking work in optometry 9☐ No, other *(specify)* _____

If not currently active, when were you last active in optometry? ____/____
MONTH YEAR

15. What is the location of your primary place of work?
☐ Same as item 3 ☐ Other *(specify)*

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

Hours per week at primary location _____

16. If you practice in more than one location, please list secondary employment location

_____
CITY COUNTY STATE ZIP

17. Please indicate your primary, secondary and tertiary specialties and percent of time usually spent in each.

Primary Code	Primary Percent %	Secondary Code	Secondary Percent %	Tertiary Code	Tertiary Percent %

SPECIALTY CODES

01 General Practice
02 Contact Lenses
03 Vision Training/Orthoptics
04 Low/Subnormal Vision
05 Developmental Vision
06 Industrial/Occupational/Environmental Vision
07 Public Health/Community Health
08 Vision Screening
09 Aniseikonia
10 Other *(specify)* _____

18. Usual hours per week you spend in:
_____ hrs. providing patient care or services
_____ hrs. administration (in schools, agencies, associations, etc.)
_____ hrs. teaching optometric courses (incl. course preparation)
_____ hrs. research
_____ hrs. other *(specify)* _____
_____ TOTAL HOURS per week

19. Setting of Employment (check one)
01☐ Practitioner's office 04☐ College, university, or junior college
02☐ Hospital
03☐ Optometric center/clinic 05☐ Other *(specify)* _____

20. Form of employment (check one)

SELF-EMPLOYED
01☐ Solo practice 03☐ Group practice
02☐ Partnership 04☐ Other *(specify)* _____

NONGOVERNMENTAL EMPLOYER
05☐ Professional corporation 10☐ School or college of optometry
20☐ General corporation
06☐ Other optometrist(s) 11☐ Nonprofit organization or institution
07☐ Ophthalmologist(s)
08☐ Physician(s) other than ophthalmologist(s) 12☐ Multidisciplinary group practice
09☐ Manufacturer, firm or other business organization 13☐ Group health plan facility (e.g. health maintenance organization)
14☐ Other *(specify)* _____

GOVERNMENTAL EMPLOYER
15☐ Federal government (armed service personnel only)
16☐ Federal government (public health service)
17☐ Federal government (civilian)
18☐ State, county or local government

21. For how many different patients did you perform complete vision analyses during the past 12 months? _____

22. Please estimate the total number of individuals for whom you provide vision care at the present time (the approximate size of your practice) _____

23. Do you employ paraoptometric personnel (who perform technical duties beyond those of a secretary/receptionist) to assist you in your practice?
1☐ Yes 2☐ No

1980
STATE OF MISSOURI
Pharmacist Survey

INSTRUCTIONS 1. LICENSE NO. _____

Please complete this questionnaire, correcting any errors, and return with your license renewal application. The information is being requested by the State Board of Pharmacy, the Division of Professional Registration and the Division of Health for state and national statistical studies. Your cooperation is appreciated.

2. NAME _____

3. MAILING ADDRESS _____
NUMBER AND STREET

CITY COUNTY STATE ZIP

4. STATE OF RESIDENCE _____

5. BIRTHDATE ___ ___ ___ MO DAY YR 6. BIRTHPLACE _____
STATE OR FOREIGN COUNTRY

7. LAST NAME AT BIRTH _____ 8. SPANISH ORIGIN ☐ 1 YES ☐ 2 NO

9. RACE
1 ☐ CAUCASIAN OR WHITE 2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN OR ALASKAN NATIVE 4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (specify) _____

10. FIRST PHARMACY DEGREE
1 ☐ NO PHARMACY DEGREE 3 ☐ B.S. or B. Pharm., 4-yr program
2 ☐ Ph. C, Ph.G. or Pharm. D (Prior to 1940) 4 ☐ B.S. or B. Pharm., 5-yr program
5 ☐ Pharm. D., 6-yr program

11. HAVE YOU RECEIVED FORMAL ADVANCED TRAINING IN PHARMACY BEYOND FIRST PROFESSIONAL DEGREE? 1 ☐ YES 2 ☐ NO
(IF YES, CHECK ALL THAT APPLY)
1 ☐ CONTINUING EDUCATION 4 ☐ RESIDENCY IN CLINICAL PHARMACY
2 ☐ ADVANCED TRAINING 5 ☐ POST-B.S. PHARM.D.
3 ☐ RESIDENCY IN HOSPITAL PHARMACY 6 ☐ MASTER OF SCIENCE
7 ☐ Ph.D. or D.Sc.
8 ☐ OTHER (Specify) _____

12. HAVE YOU BEEN AWARDED AN ADVANCED DEGREE IN PHARMACY? 1 ☐ YES 2 ☐ NO
IF YES, MAJOR AREA OF STUDY
1 ☐ PHARMACY (PHARMACEUTICS) 5 ☐ PHARMACOLOGY
2 ☐ HOSPITAL PHARMACY 6 ☐ PHARMACY ADMINISTRATION
3 ☐ CLINICAL PHARMACY 7 ☐ PHARMACEUTICAL (MEDICINAL) CHEMISTRY
4 ☐ PHARMACOGNOSY
8 ☐ OTHER (specify) _____

13. PLEASE LIST ALL STATES, OTHER THAN MISSOURI, IN WHICH YOU ARE LICENSED AS A PHARMACIST. _____

14. YEARS ACTIVE IN PHARMACY _____ YRS.

15. WEEKS ACTIVE IN PHARMACY DURING PAST 12 MONTHS _____ WKS.

16. WERE YOU ACTIVE IN PHARMACY ONE YEAR AGO?
1 ☐ NO 2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (specify)

CITY COUNTY STATE ZIP

17. ARE YOU CURRENTLY ACTIVE IN PHARMACY OR RELATED WORK?
1 ☐ YES, FULL TIME
2 ☐ YES, PART TIME
3 ☐ NO, WORKING IN ANOTHER FIELD AND SEEKING WORK IN PHARMACY
4 ☐ NO, WORKING IN ANOTHER FIELD AND NOT SEEKING WORK IN PHARMACY
5 ☐ NO, UNEMPLOYED AND SEEKING WORK IN PHARMACY
6 ☐ NO, RETIRED
7 ☐ NO, HOMEMAKER
8 ☐ NO, IN TRAINING
9 ☐ NO, OTHER (specify) _____

18. IF NOT CURRENTLY ACTIVE WHEN WERE YOU LAST ACTIVE?
MONTH / YEAR

19. PRINCIPAL PLACE OF PRACTICE _____
NUMBER AND STREET

CITY COUNTY STATE ZIP

20. HOW MANY HOURS PER WEEK DO YOU SPEND IN EACH OF THE FOLLOWING PHARMACEUTICAL SETTINGS?
_____ hrs. INDEPENDENT COMMUNITY PHARMACY (ONE OUTLET)
_____ hrs. SMALL CHAIN COMMUNITY PHARMACY (2-11 OUTLETS)
_____ hrs. LARGE CHAIN COMMUNITY PHARMACY (12 OR MORE OUTLETS)
_____ hrs. CLINIC OR MEDICAL BUILDING PHARMACY
_____ hrs. NURSING HOME
_____ hrs. PRIVATE HOSPITAL
_____ hrs. GOVERNMENTAL HOSPITAL (incl. State, County, local government and military)
_____ hrs. OTHER GOVERNMENT (e.g. FDA, state boards of pharmacy)
_____ hrs. PHARMACEUTICAL MANUFACTURER
_____ hrs. PHARMACEUTICAL WHOLESALER
_____ hrs. COLLEGE OF PHARMACY
_____ hrs. OTHER (specify) _____
_____ TOTAL HOURS per week in pharmacy activities

21. WHAT IS YOUR EMPLOYMENT STATUS?
SELF-EMPLOYED
1 ☐ SOLE OWNER-MANAGER 2 ☐ PARTNER
EMPLOYEE
3 ☐ MANAGER, CHIEF, DIRECTOR, etc 4 ☐ ASSISTANT MANAGER, CHIEF, DIRECTOR, etc
5 ☐ STAFF PHARMACIST
OTHER FORM OF EMPLOYMENT
6 ☐ UNPAID (VOLUNTARY) WORKER 7 ☐ OTHER (specify) _____

22. APPROXIMATE PERCENTAGE OF TIME PER WEEK IN EACH OF THE FOLLOWING ACTIVITIES
_____ % ADMINISTRATION OR MANAGEMENT
_____ % DISPENSING PRESCRIPTIONS
_____ % PROVIDING INFORMATION TO PRESCRIBERS AND INSTITUTIONAL CLIENTS (e.g. nursing homes, hospitals) ON SICK ROOM SUPPLIES, SURGICAL APPLIANCES AND OTHER HEALTH RELATED ITEMS
_____ % PROVIDING INFORMATION TO PATIENTS ON PRESCRIPTIONS AND NON-PRESCRIPTION DRUGS, AND OTHER HEALTH RELATED ACTIVITIES
_____ % TEACHING AND/OR RESEARCH (Pharmacy Related)
_____ % MANUFACTURING AND/OR BULK COMPOUNDING
_____ % RETAILING OF NONHEALTH RELATED MERCHANDISE
_____ % OTHER (specify) _____
100 % TOTAL

23. DO YOU HAVE A FORMAL CONSULTANT ARRANGEMENT WITH A HEALTH FACILITY?
1 ☐ YES 2 ☐ NO

COMPLETION OF THIS FORM IS NOT A REQUIREMENT FOR LICENSE RENEWAL

STATE OF MISSOURI
PHYSICAL THERAPIST SURVEY
1980

INSTRUCTIONS

Please complete this questionnaire, correcting any errors, and return with your license renewal application. The information is being requested by the Division of Health for state and national statistical studies. Your cooperation is appreciated.

1. LICENSE NO _____

2 NAME _____

3 MAILING ADDRESS _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4 STATE OF RESIDENCE _____

5 RACE

1 ☐ CAUCASIAN OR WHITE
2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN OR ALASKAN NATIVE
4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (specify) _____

6 SPANISH ORIGIN OR DESCENT? 1 ☐ YES 2 ☐ NO

7 PLEASE LIST ALL STATES, OTHER THAN MISSOURI, IN WHICH YOU ARE LICENSED AS A P.T. _____

_____ _____ _____ _____

8 NUMBER OF YEARS ACTIVE AS A PHYSICAL THERAPIST _____ YRS

9 WEEKS ACTIVE IN PHYSICAL THERAPY IN LAST 12 MONTHS _____ WKS

10 EDUCATIONAL BACKGROUND (CHECK ALL THAT APPLY)

1 ☐ BACHELORS DEGREE (P.T.)
2 ☐ BACHELORS DEGREE PLUS P.T. CERTIFICATE
3 ☐ MASTERS DEGREE (P.T.)
4 ☐ BACCALAUREATE (OTHER)
5 ☐ MASTERS DEGREE (OTHER)
6 ☐ DOCTORATE
7 ☐ OTHER (specify) _____

11 WERE YOU ACTIVE AS A PHYSICAL THERAPIST ONE YEAR AGO?

1 ☐ NO
2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (specify)

_____
CITY COUNTY STATE ZIP

12 ARE YOU CURRENTLY ACTIVE IN PHYSICAL THERAPY?

1 ☐ YES, FULL TIME
2 ☐ YES, PART TIME
3 ☐ NO, WORKING IN ANOTHER FIELD AND SEEKING WORK IN PHYSICAL THERAPY
4 ☐ NO, WORKING IN ANOTHER FIELD AND NOT SEEKING WORK IN PHYSICAL THERAPY
5 ☐ NO, UNEMPLOYED AND SEEKING WORK IN PHYSICAL THERAPY
6 ☐ NO, RETIRED
7 ☐ NO, HOMEMAKER
8 ☐ NO, IN TRAINING IN OCCUPATION
9 ☐ OTHER (specify) _____

13 IF NOT CURRENTLY ACTIVE WHEN WERE YOU LAST ACTIVE?

_____ / _____
MONTH YEAR

14 WHAT IS THE LOCATION OF YOUR PRIMARY PLACE OF WORK

☐ SAME AS MAILING ADDRESS SHOWN IN ITEM THREE
☐ OTHER (SPECIFY)

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT PRIMARY LOCATION _____

15 IF YOU PRACTICE IN MORE THAN ONE LOCATION PLEASE LIST SECONDARY EMPLOYMENT LOCATION

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT SECONDARY LOCATION _____

16 HOW MANY HOURS PER WEEK DO YOU USUALLY SPEND IN EACH OF THE FOLLOWING PHYSICAL THERAPY ACTIVITIES?

_____ hrs. PROVIDING PATIENT CARE OR SERVICES
_____ hrs. ADMINISTRATION (in schools, agencies, associations, etc.)
_____ hrs. TEACHING PHYSICAL THERAPY COURSES (including course preparation)
_____ hrs. RESEARCH
_____ hrs. OTHER (specify)
_____ TOTAL HOURS PER WEEK

17 WHAT IS THE PRINCIPAL SETTING OF YOUR PROFESSIONAL ACTIVITY? (use codes provided below) _____

NONFEDERAL HEALTH FACILITY
11 HOSPITAL
12 NURSING HOME
13 FREESTANDING CLINIC
14 GROUP HEALTH PLAN FACILITY (such as HMO)
15 PRACTITIONER'S OFFICE

SCHOOLS
31 SCHOOL OF PHYSICAL THERAPY
33 OTHER UNIVERSITY OR COLLEGE
34 SCHOOL OR TREATMENT CENTER FOR THE HANDICAPPED OR DISABLED
35 ELEMENTARY OR HIGH SCHOOL
36 OTHER SCHOOL (specify) _____

FEDERAL HEALTH FACILITY
21 MILITARY HEALTH FACILITY
22 OTHER FEDERAL FACILITY (VA, PUBLIC HEALTH, INDIAN HEALTH)

MISCELLANEOUS SETTINGS
41 PATIENT'S HOMES
42 MEDICAL RESEARCH INSTITUTION OR ESTABLISHMENT
43 PROFESSIONAL ASSOCIATION
44 ADMINISTRATIVE OR REGULATORY HEALTH AGENCY (LICENSING BOARD HEALTH DEPARTMENT, ETC.)
71 OTHER (specify) _____

18 WHAT IS YOUR PRIMARY FORM OF EMPLOYMENT? (use codes provided below) _____

SELF-EMPLOYED
11 SOLO PRACTICE
12 PARTNERSHIP OR GROUP PRACTICE

SALARIED, NONGOVERNMENTAL EMPLOYER
21 INDIVIDUAL PRACTITIONER
23 PARTNERSHIP OR GROUP OF PRACTITIONERS
24 GROUP HEALTH PLAN FACILITY
25 OTHER NONGOVERNMENTAL EMPLOYER (hospital, school, etc.)

SALARIED, GOVERNMENTAL EMPLOYER
35 FEDERAL GOVERNMENT (armed services personnel only)
34 FEDERAL GOVERNMENT (civilian, P.H.S., etc.)
33 STATE GOVERNMENT
32 COUNTY GOVERNMENT
31 LOCAL GOVERNMENT

OTHER EMPLOYMENT
41 UNPAID (voluntary) WORKER
42 OTHER (specify) _____

STATE OF MISSOURI

1980 PODIATRIST SURVEY

INSTRUCTIONS

1. License No. _____

Please complete this questionnaire, correcting any errors, and return with your license renewal application. This information is being requested by the Missouri State Board of Podiatry, the Division of Professional Registration and the Division of Health for state and national statistical studies. Your cooperation is appreciated.

2. Name _____

3. Mailing address _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4. State of residence _____

5. Race:
1☐ Caucasian or White 2☐ Negro or Black
3☐ American Indian or Alaskan Native 4☐ Asian or Pacific Islander
5☐ Other *(specify)* _____

6. Spanish origin or descent? 1☐ Yes 2☐ No

7. Please list all states other than Missouri, in which you are licensed as a podiatrist:

_____ _____
_____ _____ _____

8. Years active in podiatry _____ yrs.

9. Weeks active in podiatry in last 12 months _____ wks.

10. Were you active in podiatry one year ago?
1☐ No 2☐ Yes, same location as now
3☐ Yes, different practice location *(specify)*

_____
CITY COUNTY STATE ZIP

11. Are you currently active in podiatry?
1☐ Yes, full time
2☐ Yes, part time
3☐ No, working in another field and seeking work in podiatry
4☐ No, working in another field and NOT seeking work in podiatry
5☐ No, unemployed and seeking work in podiatry
6☐ No, retired
7☐ No, homemaker
8☐ No, in training
9☐ No, other *(specify)* _____

12. If not currently active, when were you last active in podiatry?

_____ / _____
MONTH YEAR

13. What is the location of your primary place of work?
☐ Same as mailing address shown in item three
☐ Other *(specify)*

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

Hours per week at primary location _____

14. If you practice in more than one location please list secondary employment location.

_____
CITY COUNTY STATE ZIP

Hours per week at secondary location _____

15. Please indicate, using the codes below, your primary, secondary and tertiary specialties and the percent of time usually spent in each.

Primary Code	Primary %	Secondary Code	Secondary %	Tertiary Code	Tertiary %

SPECIALTY CODES

01 Foot Orthopedics or Biomechanics
02 General Practice
03 Podiatric Dermatology
04 Podogeriatrics
05 Podopediatrics
06 Roentgenology
07 Surgery
08 Other *(specify)* _____

16. How many hours per week do you usually spend in each of the following podiatry activities?

_____ hrs. providing patient care or services
_____ hrs. administration (in schools, agencies, associations, etc.)
_____ hrs. research
_____ hrs. other *(specify)* _____
_____ TOTAL HOURS per week

17. What is the principal setting of your professional activity in podiatry? (use codes on back of survey) _____

18. What is your primary form of employment in podiatry? (use codes on back of survey) _____

19. Do you employ one or more podiatry assistants (who perform technical duties beyond those of a secretary/receptionist) to assist you in your practice?
1☐ Yes 2☐ No

20. What degrees have you received other than your D.P.M./D.S.C.? (check all that apply)
☐ None
☐ Baccalaureate
☐ Master's degree
☐ Doctorate (nonpodiatric)
☐ Other *(specify)* _____

1980 PODIATRIST SURVEY

17. PRINCIPAL SETTING
(enter code on front of survey)

NONFEDERAL HEALTH FACILITY
15 Practitioner's office
11 Hospital (except federal)
13 Freestanding clinic
14 Group health plan facility

FEDERAL HEALTH FACILITY
21 Military health facility
22 Other federal facility (VA, Public Health, Indian Health)

SCHOOLS
31 School of podiatry
33 University or college other than podiatry
34 School or treatment center for the handicapped or disabled
36 Other school *(specify type)* _____

MISCELLANEOUS SETTINGS
42 Podiatric or medical research institution
43 Professional association
44 Administrative or regulatory agency (such as licensing board of health department)
71 Other *(specify)* _____

18. PRIMARY FORM OF EMPLOYMENT
(enter code on front of survey)

SELF-EMPLOYED
11 Solo practice
12 Partnership or group practice

NONGOVERNMENTAL EMPLOYER
21 Individual practitioner
23 Partnership or group of practitioners
24 Group health plan facility
25 Other nongovernmental employer (hospital, school, etc.)

GOVERNMENTAL EMPLOYER
35 Federal government (armed services personnel only)
34 Federal government (civilian, P.H.S., etc.)
33 State government
32 County government
31 Local government

OTHER
41 Unpaid (voluntary) worker
42 Other *(specify)* _____

STATE OF MISSOURI
VETERINARY SURVEY

1980

INSTRUCTIONS

1 LICENSE NO _____

Please complete this questionnaire, correcting any errors, and return with your license renewal application. The information is being requested by the Missouri Veterinary Medical Board, the Division of Professional Registration, and the Division of Health for state and national statistical studies. Your cooperation is appreciated.

2 _____
NAME

3 _____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

4 STATE OF RESIDENCE _____

5 BIRTHDATE ____ / ____ / ____
MONTH DAY YEAR

6 RACE
1 ☐ CAUCASIAN OR WHITE
2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN ALASKAN NATIVE
4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (specify)_____

7 SPANISH ORIGIN OR DESCENT? 1 ☐ YES 2 ☐ NO

8 WHAT STATES, OTHER THAN MISSOURI, ARE YOU LICENSED AS A VETERINARIAN?

_____ _____ _____

_____ _____ _____

9 NUMBER OF YEARS ACTIVE IN VETERINARY MEDICINE (INCLUDING PATIENT CARE, TEACHING, RESEARCH AND ADMINISTRATION) SINCE YOU WERE FIRST LICENSED

_____

10 WEEKS ACTIVE (ONE OR MORE HOURS PER WEEK) DURING THE PAST 12 MONTHS, INCLUDE PAID VACATION AND SICK LEAVE

_____

11 WERE YOU ACTIVE AS A VETERINARIAN ONE YEAR AGO?

1 ☐ NO
2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (specify)

_____
CITY COUNTY STATE ZIP

12 ARE YOU CURRENTLY ACTIVE IN VETERINARY MEDICINE?

1 ☐ YES, FULL TIME
2 ☐ YES, PART TIME
3 ☐ NO, WORKING IN ANOTHER FIELD AND SEEKING WORK AS VETERINARIAN
4 ☐ NO, WORKING IN ANOTHER FIELD-NOT SEEKING WORK AS VETERINARIAN
5 ☐ NO, UNEMPLOYED AND SEEKING WORK AS VETERINARIAN
6 ☐ NO, RETIRED
7 ☐ NO, HOMEMAKER
8 ☐ NO, IN TRAINING
9 ☐ OTHER (specify)

_____

13 IF NOT CURRENTLY ACTIVE, WHEN WERE YOU LAST ACTIVE IN VETERINARY MEDICINE?

____ / ____
MONTH YEAR

14 WHAT IS THE LOCATION OF YOUR PRIMARY PLACE OF WORK?

☐ SAME AS MAILING ADDRESS IN ITEM THREE
☐ OTHER (specify)

_____
NUMBER AND STREET

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT PRIMARY LOCATION_____

15 IF YOU PRACTICE IN MORE THAN ONE LOCATION, PLEASE LIST SECONDARY EMPLOYMENT LOCATION

_____
CITY COUNTY STATE ZIP

HOURS PER WEEK AT 2nd LOCATION_____

16 PLEASE INDICATE, USING THE CODES PROVIDED BELOW, YOUR PRIMARY, SECONDARY AND TERTIARY SPECIALTIES AND THE PERCENT OF TIME USUALLY SPENT IN EACH

PRIMARY CODE	PRIMARY PERCENT	SECONDARY CODE	SECONDARY PERCENT	TERTIARY CODE	TERTIARY PERCENT

SPECIALTY CODES

13 Mixed practice (50-50 large & small)
14 Mixed practice (over 50% large animals)
15 Mixed practice (over 50% small animals)
10 Large animal practice (all species)
28 Small animal practice (exclusive)
01 Anatomy
02 Biochemistry
03 Bovine practice (exclusive)
04 Clinician
05 Diagnostic veterinary medicine
06 Equine practice (exclusive)
07 Extension
08 Fur bearing animals
09 Laboratory animal medicine
11 Microbiology
12 Military veterinary medicine
16 Nutrition
17 Ophthalmology
18 Parasitology
19 Pathology
20 Pathology, Avian
21 Pathology, Clinical
22 Pharmacology
23 Physiology
24 Porcine practice (exclusive)
25 Poultry practice (exclusive)
26 Radiology
27 Regulatory veterinary medicine
29 Surgery
30 Toxicology
31 Veterinary public health
32 Zoo animals
33 Other veterinary medicine

17 HOW MANY HOURS PER WEEK DO YOU USUALLY SPEND IN EACH OF THE FOLLOWING VETERINARY MEDICAL ACTIVITIES?

_____ hrs PROVIDING PATIENT CARE OR SERVICES
_____ hrs ADMINISTRATION
_____ hrs TEACHING (INCLUDING COURSE PREPARATION)
_____ hrs RESEARCH
_____ hrs OTHER (specify)_____
_____ TOTAL HOURS PER WEEK

18 WHAT IS THE PRINCIPAL SETTING OF YOUR PROFESSIONAL ACTIVITY IN VETERINARY MEDICINE? (USE CODES PROVIDED ON BACK OF FORM) _____

19 WHAT IS YOUR PRIMARY FORM OF EMPLOYMENT IN VETERINARY MEDICINE? (USE CODES PROVIDED ON BACK OF FORM) _____

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1980 VETERINARY SURVEY

18. PRINCIPAL SETTING

61 - Veterinary hospital or clinic
63 - Farm or ranch
11 - Hospital (except federal)
21 - Health facility on military installation
22 - V.A., Public Health, Indian Health or other federal facility
30 - College of veterinary medicine
33 - Other university or college
42 - Research institution or establishment
43 - Professional or allied health agency
44 - Administrative or regulatory agency (U.S.D.A., A.P.H.I.S., health department, etc.)
51 - Manufacturing or industrial establishment
52 - Retail, wholesale or other business establishment
71 - Other (specify)_____

19. PRIMARY FORM OF EMPLOYMENT

Self-Employed:
11 - Solo Practice
12 - Partnership or group practice

Salaried, Employed by:
21 - Individual practitioner
22 - Partnership or group of practitioners
23 - Retail or wholesale trade establishment
25 - Other nongovernment employer (hospital, school, etc.)
35 - Federal government (armed services personnel only)
34 - Federal government (civilian, P.H.S., etc.)
33 - State government
32 - County government
31 - Local government
42 - Other (specify)_____

STATE OF MISSOURI
1981 PSYCHOLOGIST SURVEY

INSTRUCTIONS

1. LICENSE NO.: _____

Please complete this questionnaire, correcting any errors and return with your license renewal application. The information is being requested by The State Committee of Psychology, The Division of Professional Registration and the Division of Health for statistical studies. Your cooperation is appreciated.

2. NAME: _____

3. ADDRESS: _____
number and street

_____
city *county* *state* *zip*

4. STATE OF RESIDENCE: _____

5. DATE OF BIRTH: _____ | _____ | _____
month *day* *year*

6. RACE:
1 ☐ CAUCASIAN OR WHITE
2 ☐ NEGRO OR BLACK
3 ☐ AMERICAN INDIAN OR ALASKAN NATIVE
4 ☐ ASIAN OR PACIFIC ISLANDER
5 ☐ OTHER (*specify*) _____

7. SPANISH ORIGIN OR DESCENT? 1 ☐ YES 2 ☐ NO

8. SEX: 1 ☐ MALE 2 ☐ FEMALE

9. WEEKS ACTIVE (ONE OR MORE HOURS PER WEEK) IN LAST 12 MONTHS (INCLUDING PAID VACATION AND SICK LEAVE) _____ wks.

10. WHAT IS YOUR HIGHEST EARNED DEGREE?
1 ☐ Ph.D.
2 ☐ Psy.D.
3 ☐ Ed.D.
4 ☐ M.A., M.S., M.Ed.
5 ☐ Other (*specify*) _____

SCHOOL OF GRADUATION OF HIGHEST DEGREE EARNED _____

SCHOOL LOCATION (state or foreign country) _____

YEAR OF GRADUATION _____

11. IN WHAT MAJOR FIELD WAS YOUR HIGHEST EARNED DEGREE IN PSYCHOLOGY?
1 ☐ Clinical
2 ☐ Counseling
3 ☐ School
4 ☐ Industrial/ Organizational
5 ☐ Community
6 ☐ Developmental/Social
7 ☐ Educational
8 ☐ Experimental/ Physiological
9 ☐ Other (*specify*) _____

12. HAVE YOU COMPLETED A FORMAL, SUPERVISED PSYCHOLOGY INTERNSHIP OF AT LEAST 1,500 HOURS? 1 ☐ YES 2 ☐ NO

IF YES, IN WHAT STATE WAS THIS INTERNSHIP COMPLETED? _____

13. WERE YOU ACTIVE IN PSYCHOLOGY ONE YEAR AGO?
1 ☐ NO
2 ☐ YES, SAME LOCATION AS NOW
3 ☐ YES, DIFFERENT PRACTICE LOCATION (*specify*)

_____
city *county* *state* *zip*

14. ARE YOU CURRENTLY ACTIVE IN PSYCHOLOGY?
1 ☐ YES, Full-time
2 ☐ YES, Part-time
3 ☐ NO, Retired
4 ☐ NO, Other reason (*specify*) _____

15. IF NOT CURRENTLY ACTIVE, WHEN WERE YOU LAST ACTIVE? _____ | _____
month *year*

16. PRIMARY PLACE OF EMPLOYMENT
☐ same as item 3 ☐ other (*specify*)

_____
number and street

_____
city *county* *state* *zip*

HOURS PER WEEK AT PRIMARY LOCATION _____ hrs.

DO YOU PROVIDE HEALTH SERVICES AT THIS PRIMARY PLACE OF WORK? 1 ☐ YES 2 ☐ NO

17. IF YOU PRACTICE IN MORE THAN ONE LOCATION, PLEASE LIST SECONDARY EMPLOYMENT LOCATION:

_____
city *county* *state* *zip*

HOURS PER WEEK AT SECONDARY LOCATION _____ hrs.

DO YOU PROVIDE HEALTH SERVICES AT THIS SECONDARY PLACE OF WORK? 1 ☐ YES 2 ☐ NO

18. IN AN AVERAGE WEEK, HOW MANY HOURS ARE SPENT IN EACH OF THE FOLLOWING ACTIVITIES?
_____ hrs PATIENT OR CLIENT CARE
_____ hrs CONSULTATION SERVICES
_____ hrs EDUCATIONAL ACTIVITIES
_____ hrs RESEARCH
_____ hrs MANAGEMENT OR ADMINISTRATION
_____ hrs OTHER (*specify*) _____
_____ TOTAL HOURS PER WEEK

19. WHAT IS YOUR PRINCIPAL SETTING OF EMPLOYMENT? *(use codes provided on back of survey)* _____

20. WHAT IS YOUR PRINCIPAL FORM OF EMPLOYMENT? *(use codes provided on back of survey)* _____

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1981 PSYCHOLOGIST SURVEY

19. PRINCIPAL SETTING OF EMPLOYMENT:

1 Individual/Group Private Practice
2 Federal Hospital or Clinic
3 General (hospital, clinic or HMO)
4 State or County Mental Hospital
5 Private Mental Hospital
6 Alcohol/Drug Abuse Treatment Facility
7 Mental Retardation Facility
8 Community Mental Health Facility
9 Higher Education
10 Secondary/Elementary School System
11 Criminal Justice/Corrections System
12 Business/Industry or Research Consulting Firm
13 Government Administrative Agency
14 Other (specify): _____

20. FORM OF EMPLOYMENT:

SELF-EMPLOYED

11 Solo Practice
12 Partnership or Group Practice

NONGOVERNMENTAL EMPLOYER

21 Individual Practitioner
23 Partnership or Group of Practitioners
24 Group Health Plan Facility
25 Other Nongovernmental Employer
(hospital, school, etc.)

GOVERNMENTAL EMPLOYER

35 Federal Government (armed services personnel only)
34 Federal Government (civilian, P.H.S., etc.)
33 State Government
32 County Government
31 Local Government

OTHER

41 Unpaid (voluntary) Worker
42 Other (specify) _____

APPENDIX V. RELATED PUBLICATIONS

APPENDIX V. RELATED PUBLICATIONS

The Missouri Center for Health Statistics has available the following publications:

Missouri Health Manpower, 1976, by Bureau of Health Resources Statistics, Missouri Center for Health Statistics, Publication Number 2.5

Missouri Health Manpower, 1977, by Bureau of Health Resources Statistics, Missouri Center for Health Statistics, Publication Number 2.6

Missouri Health Manpower, 1978, by Bureau of Health Resources Statistics, Missouri Center for Health Statistics, Publication Number 2.8

Missouri Health Manpower, 1979, by Bureau of Health Resources Statistics, Missouri Center for Health Statistics, Publication Number 2.10

Missouri Health Manpower, 1980, by Bureau of Health Resources Statistics, Missouri Center for Health Statistics, Publication Number 2.11

Optometric Manpower in Missouri, 1978, by James L. Ronald, Publication Number 2.7

Missouri Dentists, 1978, by Russell W. Sumnicht, D.D.S., M.P.H., James L. Ronald, and Mary Neutzler, Publication Number 2.9

Physician Manpower for Missouri, 1975, by Mary Jean Remmert, Publication Number 2.4